MONTES ALTI
EDUCATIONAL FOUNDATION
SWITZERLAND

Evolution of the Edtech business model for the year 2022

March edition
June edition
September edition
December edition

GENEVA INTELLIGENCE
STRATEGIC INFORMATION

MONTES ALTI
EDUCATIONAL FOUNDATION
SWITZERLAND

EVOLUTION OF EDTECH BUSINESS MODELS

Prospective monitoring
March 2022
by Geneva Intelligence

Summary of the March 2022 Edition

Definition of Edtechs

Methodology

Trend analysis

Kirae is an application aimed at measuring, developing and certifying users' soft skills.

Memorix
memorisation through creation

Memorix is a platform that uses virtual reality to develop the long-term memory capacity of academic concepts for its users.

Utobo is a platform that facilitates the creation, distribution and sale of online courses for private trainers or institutions.

Mimo is an application that teaches how to code several programming languages by offering exercises and real application projects.

Edukoya is an application offering educational content and revision exercises for most subjects taught during compulsory and post-compulsory education.

Definition of Edtechs

Definition of Edtechs :

The acronym EdTech is short for Educational Technology. **EdTech represents the use of new technologies to facilitate and improve knowledge learning and transmission.**

For example, e-learning provides individual digital training instead of physically attending classrooms. The "classrooms" and MOOCs (Massive Open Online Courses) are lectures broadcast on the Internet. The LMS (Learning Management System) makes it possible to distribute educational content online, including the possibility of offering a complete course. There are also educational robots that capture the attention of young people and accompany them in their learning.

EdTech provides tailor-made and on-demand services. It revolutionises training, making it possible to **design a personalised learning path for students.**

Teachers and schools in general also benefit from these technologies that facilitate the transmission of knowledge in collaboration with their students through participatory and pedagogical teaching. In addition, they use these technologies as **online platforms to better organize, control and monitor learning and adapt their teachings to students.** This allows them to provide more relevant and effective services.

Overall, Edtech benefits students and teachers as well as schools by **facilitating administration and communication.** They improve dialogue, education, learning and above all pedagogy.

Learn more about the methodology of monitoring

Prospective monitoring - Definition

Overview

Prospective monitoring consists collecting strategic information to be able to anticipate changes in the ecosystem in order to respond as soon as possible and adequately. Prospective monitoring provides support for the implementation of a commercial and technological strategy.

Methodology

An effective method is to conduct products and service developments monitoring.
The below steps were taken to carry out the monitoring and illustrate the results:

- Research, analysis and comparison of a dozen innovative offers in the field of Edtech.
- Identification and understanding of the commercial and technological benefits of these results.
- Identification of Edtech trends and innovations. Trends represent market characteristics and developments.

Objectives

For a company or an educational institution to be sustainably competitive it needs to be constantly aware of changes in its market in order to either limit potential risks or benefit from these changes. This would involve the following:

- Monitor competitive products and service developments.
- Identify and distinguish innovative trends and strategies over the long term.
- Analyse and compare this information with the organisation’s current strategy.
- Evaluate competition and their business strategies through their innovations.
- Carry out a self-evaluation and develop a strategy.
- Find inspiration in the business and technological trends.

DISCOVER EDTECH TRENDS ANALYSIS

Edtech Trends Analysis

Main technological trends

Represent **opportunities** or **threats** for the various players in the sector

Artificial Intelligence

Learning Analysis

Big Data

Voice recognition

TASSOMAI

Tassomai a publié un **rapport gratuit** :
« Bridging the attainment gap: edtech and the struggle to level up »

Ce rapport synthétise les résultats d'une **table ronde** organisée par Tassomai. Le sujet principal de cette discussion est le **rôle** que peuvent jouer les **Edtech** dans le challenge de **combler les écarts de réussite scolaire** entre les étudiants.

Important news

GoStudent

Lève EUR 300 mio

Lors d'un nouveau round d'investissement

*La start-up est maintenant valorisée à **EUR 3,5 milliards***

Le français

EDUCAPITAL

Lance un fond de **EUR 100 mio**

*Leur permettant de **soutenir** le **développement** de futurs **leadeurs français** et **européens***

La Edtech

*Lève **USD 55 millions** lors de son dernier round d'investissement*

*Et continue sa **stratégie d'expansion***

Le ventures capital

Owl Ventures

Annonce **USD 1 milliard**

*De **nouveaux fonds** destinés aux **investissements** sur les Edtechs*

Discover the analysis of Edtech trends

Kirae

Developing soft skills through games

Kirae is an application aimed at measuring, developing and certifying the soft skills ot its users. Users have the possibility to unlock digital Open Badges that allow them to value their transversal skills in the job market.

Type

Digital application providing access to mobile games designed for skill development.

Competitive advantage

Playful and accessible method allowing the development and the valorization of soft skills.

Price

No relevant information was found on this subject.

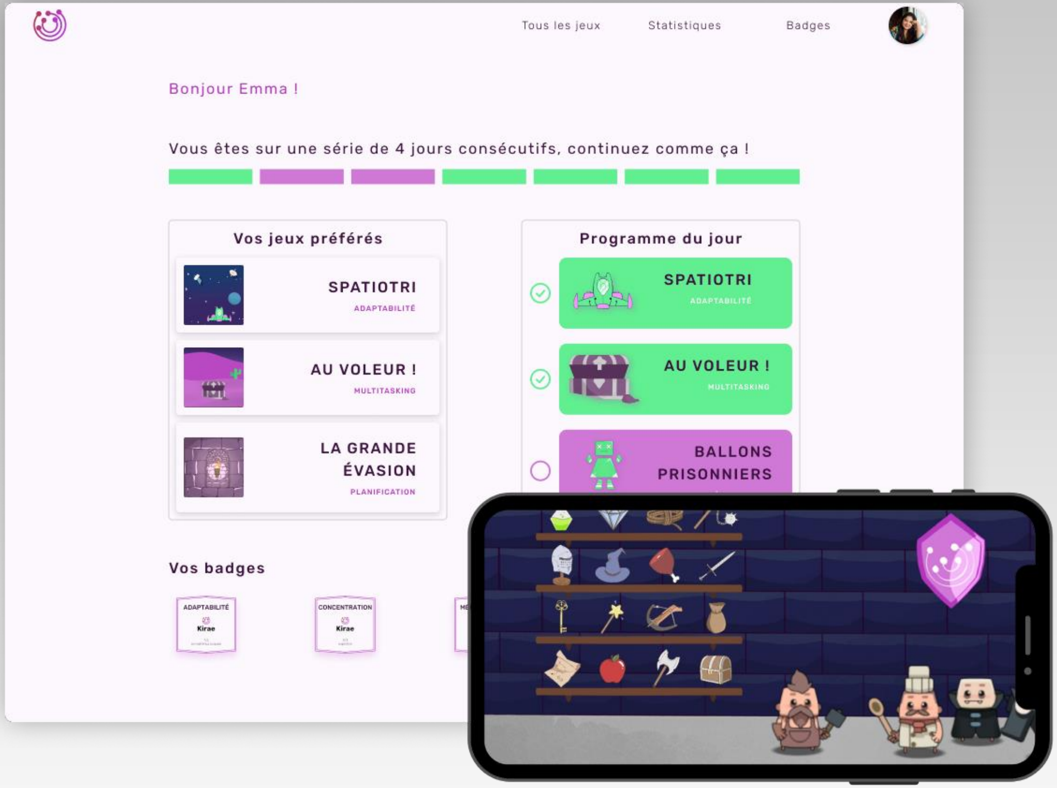
Number of users

No relevant information was found on this subject.

Level of development

The company was founded in 2020 by Lise Ferrer, a former independent trainer specialized in gamification and neuroscience. The young start-up is based in Rennes and will have about 10 employees in 2022. In the same year, the company's main objective is to enter a larger scale commercialization phase and launch a fundraising.

Link https://kirae.io/



Bonjour Emma !

Vous êtes sur une série de 4 jours consécutifs, continuez comme ça !

Tous les jeux
Statistiques
Badges
Vos jeux préférés
SPATIOTRI
ADAPTABILITÉ
AU VOLEUR !
MULTITASKING
LA GRANDE ÉVASION
PLANIFICATION
Programme du jour
SPATIOTRI
ADAPTABILITÉ
AU VOLEUR !
MULTITASKING
BALLONS PRISONNIERS
Vos badges
ADAPTABILITÉ
Kirae
CONCENTRATION
Kirae

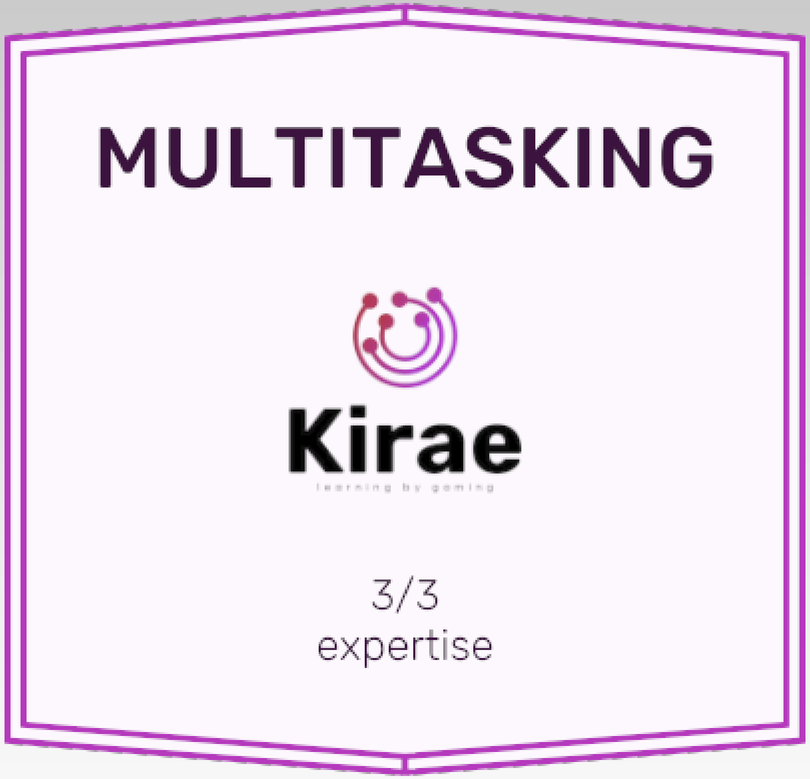
How does it work?

Kirae offers a mobile and web application with mini-games, based on neurocognitive mechanics, that help develop users' soft skills: adaptability, concentration, memorization, multitasking and planning. The institutions have a dashboard that allows them to manage the users. At the end of the period, users can unlock digital badges, Open Badges, which allow them to objectively value their transversal skills and receive an explicit report of their results.

Developing soft skills through games

Advantages

- Development of different soft skills (adaptability, concentration, memorization, multitasking and planning) in a pro-active and playful way.
- Soft skills evaluation report generated after three weeks of playing a few hours a day.
- Complement to the training courses and applications reinforcing the theoretical and practical knowledge of the students.
- Valuation of soft-skills thanks to Open Badges that can be shared online.
- Mini-games available on all platforms (Smartphone, web browser, tablets).
- Development of mini-games in collaboration with various institutional partners (University of Angers laboratories, Angevin Systems Engineering Research Laboratory, etc.).
- Great work on the graphic aspect and the playability of the proposed mini-games.



Suitable for :

Kindergarten ★ Elementary School ★★ High School ★★★★ University ★

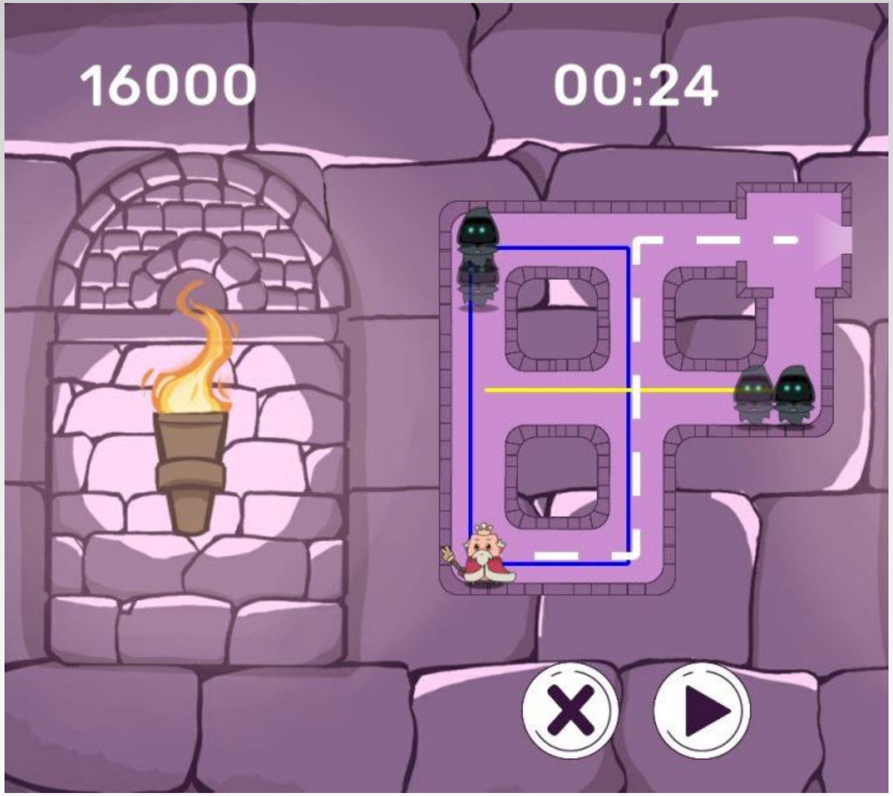
Developing soft skills through games

In an academic context, Kirae can be used for the assessment, development and enhancement of students' soft-skills. This tool thus helps the intellectual abilities of students, while providing pedagogical support to teachers. By developing students' skills, Kirae can also strengthen the attractiveness of an educational institution for several reasons.

- Soft-skills are essential but difficult to measure. By providing a measurement tool, Kirae offers schools and teachers the possibility to identify gaps and work more specifically, more specifically to improve the results of their students.
- The badge "certification" system allows users to value their transversal skills on the job market or in their further academic career. In addition to the fun aspect, the reward system can improve student engagement and learning.
- The constant and rapid evolution of professions and the job market make soft-skills key skills essentials for students to develop. By using Kirae, educational institutions can participate in the development of these skills in a targeted and specific way, and thus increase the employability of their students through the objective demonstration of skills.

However, the application could be improved in several ways:

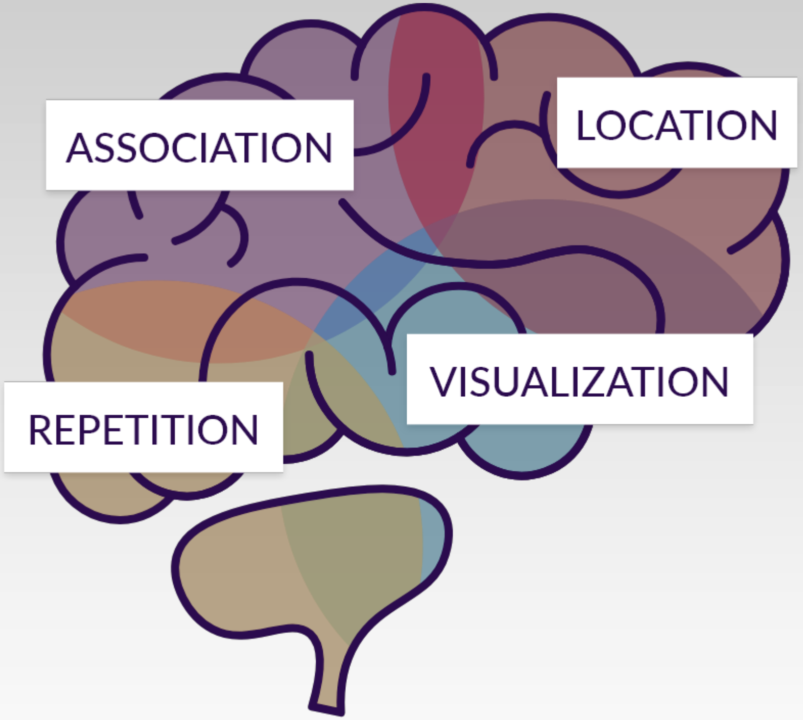
- It is relatively difficult to know the value of certifications for institutions not familiar with the app. Thus, to give them value, the start-up needs to make itself known and prove the seriousness of their methodology.
- At the moment, there is little or no information about how the different soft-skills of users are assessed. More transparency on the measurement methodologies would allow to better value the certifications offered by the application.



Memorix
memorisation through creation

Virtual reality to support memorization

Memorix is a platform proposing the use of customizable virtual reality environments to develop the long-term memorization capacity of academic concepts by its users.



Type

Application offering scientific techniques to optimize memorization.

Competitive advantage

Learning methods based on customizable VR technologies.

Price

No relevant information was found on this subject.

Number of users

No relevant information was found on this subject.

Level of development

The company Memorix was founded in 2018 in Copenhagen by two former product managers at Lego. Their ambition is to revelutionize education with the help of immersive digital technologies. The project has received funding from the European Union's innovation program under the IMPACT EdTech program. The company will have about ten employees in 2022.

How does it work?

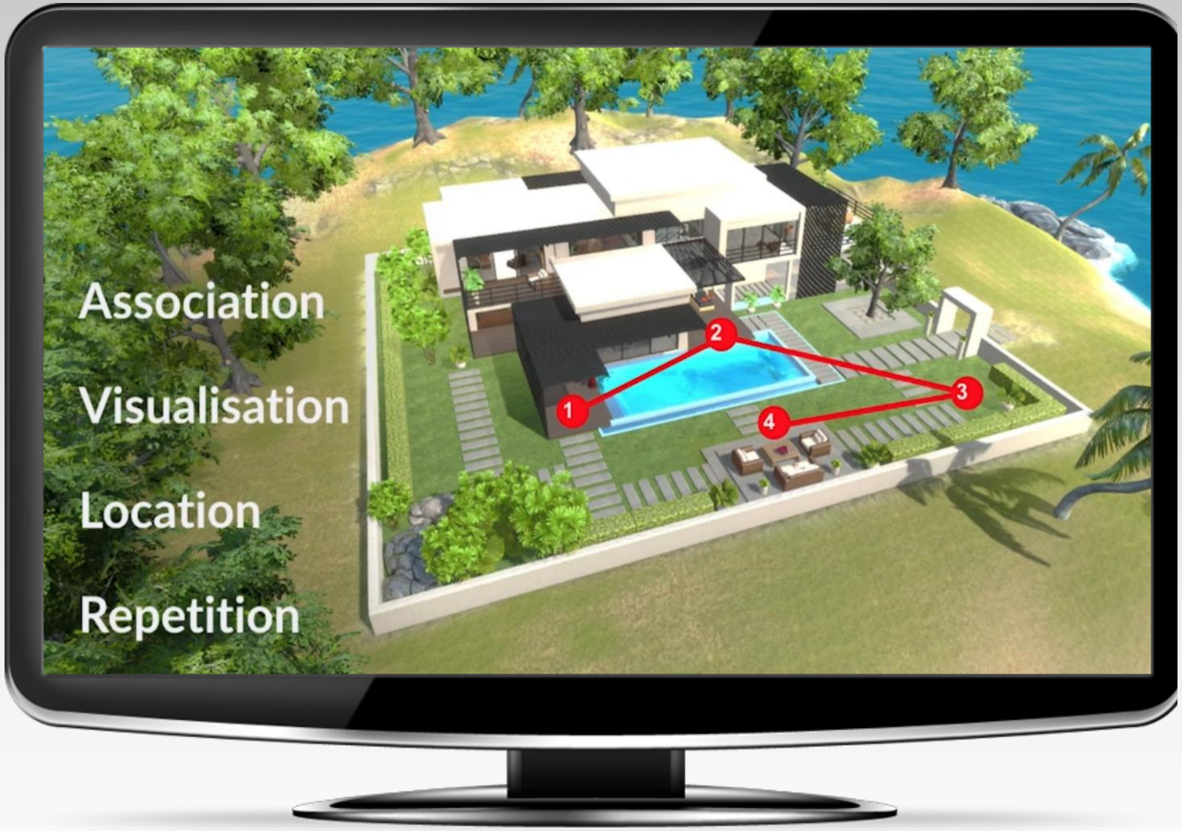
Clients/institutions have access to a platform offering different 3D virtual worlds (villa, classroom, laboratory, etc.). Users can place different images accompanied by texts. The objective is to circulate in these different worlds in order to be able to retain the concepts/descriptions by involving the visual memory. Learners also have access to a platform where they can register their next academic deadlines. The software can then guide them in their learning by proposing adapted revision programs.

Link https://www.memorix.dk/

Virtual reality to support memorization

Advantages

- Access to a platform offering different virtual worlds modeled in 3D.
- Customization of the worlds by the teachers but also by the students.
- Monitoring of academic deadlines and support for revision schedules provided by the solution.
- Support on the organization of repetition schedules of concepts already learned to promote long-term memory.
- Application of recognized learning techniques that promote memorization through association with spaces.
- Sharing center between users of content focused on memorization.



Suitable for :

Kindergarten	★	Elementary School	★★
High School	★★★	University	★★★★

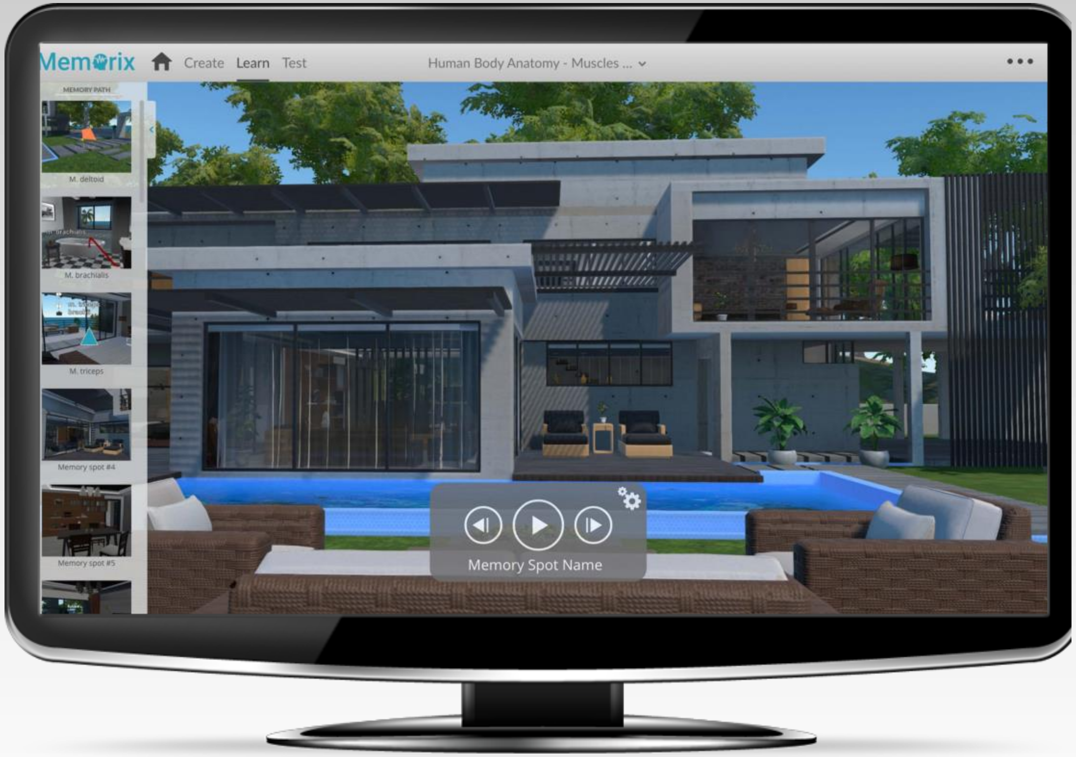
Virtual reality to support memorization

In a school context, the use of a platform like Memorix can be beneficial for several reasons:

- The use of visual memorization systems, more active for some students than others, can have a strong beneficial impact on learning. Teachers can find a pedagogical support to address all their students with the appropriate means.
- Students can also be involved in creating their own learning path. By being interactive in this way, the application reinforces students' engagement in the memorization process.
- The integrated exam tracking platform helps students in their organization by advising them on the dates and times when they should start working. In this way, Memorix acts as a pedagogical support; this reinforces the results obtained by teachers and saves them from having to give students reminders.
- The solution's customizability makes it possible to create tailor-made learning paths adapted to the institution's educational program. In addition to facilitating the interest and understanding of students, especially regarding technical or difficult to grasp subjects, the graphic and playful aspect improves the modern image of educational institutions.

However, this tool can be improved on some aspects:

- The process of creating the personalized 3D world can seem long and tedious, especially for heavy subjects.
- The visual aspect of the 3D worlds proposed by Memorix as well as the communication of the company in general seem outdated, which could discourage students, in particular younger students, to use it.



utobo

Broadcast your courses online in a few clicks

Utobo is a platform that facilitates the creation, distribution and sale of online courses for private trainers or institutions. Their service includes the generation of a dedicated e-commerce site.

Type

Platform facilitating the creation and distribution of online courses.

Competitive advantage

Makes the creation, distribution and sale of online courses accessible without needing any technical knowledge.

Number of users

No relevant information was found on this subject.

Price

Basic : USD 69/month

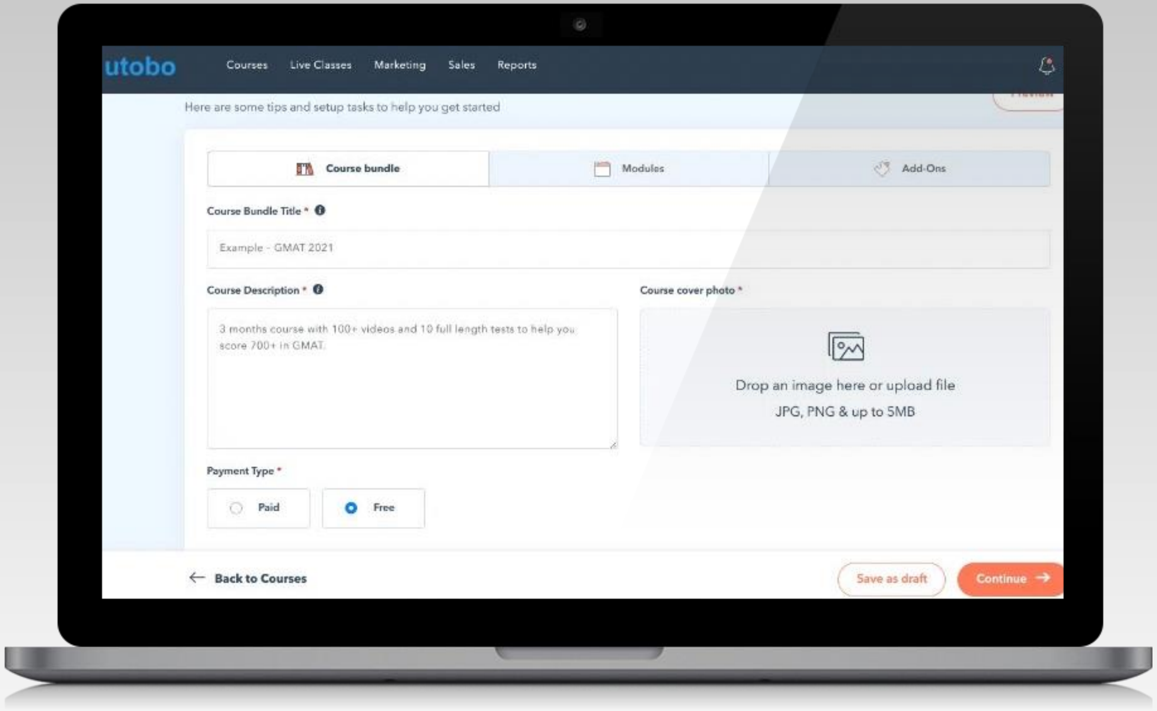
Premium : USD 129/month

Ultimate : USD 199/month

Level of development

The company was founded in 2018 by Raj Sahu, a mechanical engineering graduate from India. He first created an Android app for language teachers, which has been downloaded over a million times. After receiving multiple requests, the startup is developing a similar SaaS platform. Their goal now is to optimize the usability of their platform and attract the best possible educators.

Link https://utobo.com/



Here are some tips and setup tasks to help you get started

Course Bundle Title *
Example - GMAT 2021

Course Description *
3 months course with 100+ videos and 10 full length tests to help you score 700+ in GMAT.

Course cover photo *
Drop an image here or upload file
JPG, PNG & up to 5MB

Payment Type *
○ Paid ● Free

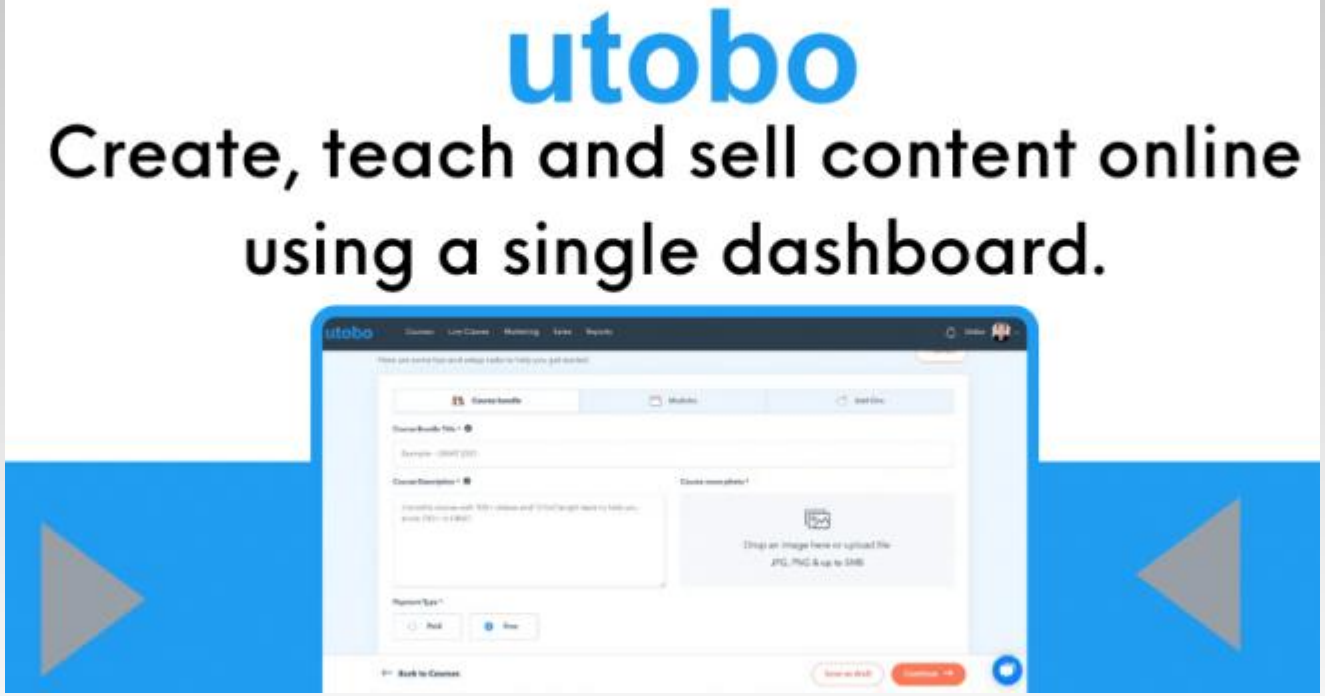
How does it work?

After registering to the platform, the user has access to a dashboard allowing him to register his information or that of his institution. They can also open access to different teachers by creating a personal login. Afterwards, users can easily publish a course (video or text) and market it on the e-commerce site generated by the platform. The platform also offers other features such as the organization and broadcasting of live online courses or the creation and sending of newsletter campaigns.

Broadcast your courses online in a few clicks

Advantages

- Turnkey platform for the distribution and sale of free or paid online courses in several multimedia formats.
- Very user-friendly interface requiring no technical knowledge (no-code).
- Possibility to organize and distribute online courses thanks to the integration of BlueJeand and Zoom.
- Possibility of creating and distributing e-mailing campaigns.
- Generation of an E-Commerce platform with the possibility of integrating discount coupons and using your own domain name.
- Storage of website files on secure AWS server.
- Possibility of integrating personalized payment methods.


utobo
Create, teach and sell content online using a single dashboard.

Suitable for :

Kindergarten	★	Elementary School	★★
High School	★★★★	University	★★★★

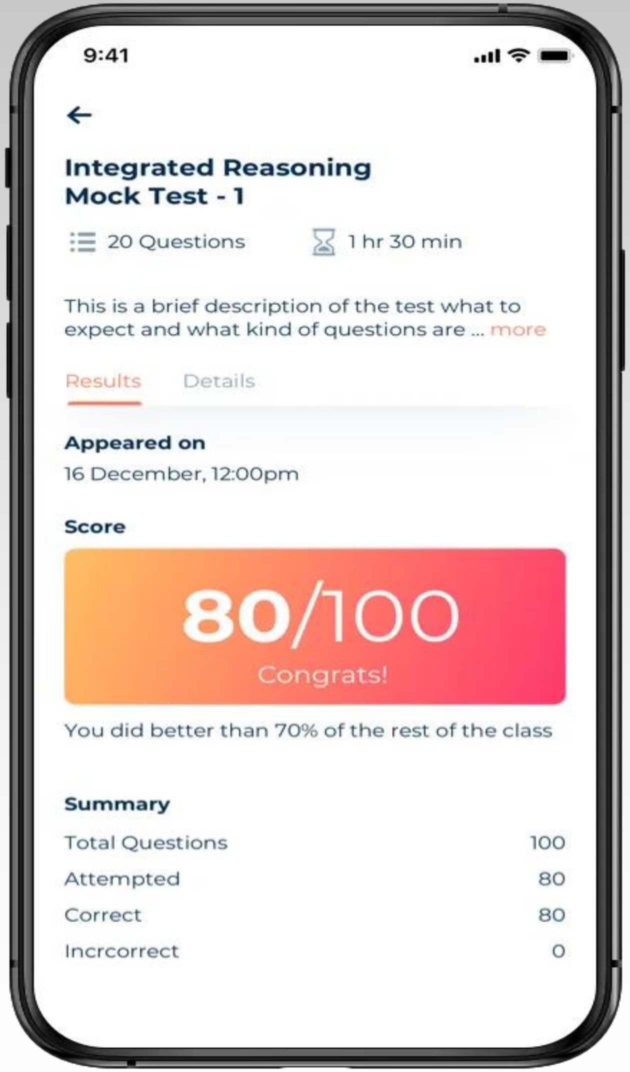
Broadcast your courses online in a few clicks

The use of the Utobo solution can be beneficial to an educational institution for several reasons:

- The distribution of educational content online can represent a significant time saving for teachers who can, for example, ask students to view it at home and devote their class time to question and answer sessions or exercises. The course can become more interactive and focus on correcting gaps and misunderstandings.
- Institutions have the possibility to extend their services by offering some of their courses as MOOCs or by developing new ones.
- The solution can also be used as a management platform for the organization and facilitation of online courses, allowing professors and institutions to adapt the format and bring more flexibility to learning.
- The use of the platform as a promotion of professors and courses of an academic institution can support its influence and attractiveness, demonstrating its technological modernity but especially the quality of its courses and speakers.

However, the solution may have some disadvantages:

- The monthly rates displayed are not complete. For example, you will have to add USD 10 per month to offer live courses or USD 0.025 per student per month to have access to the mailing system.
- The sales platform generated by the solution is partially identical for all institutions and relatively uncustomizable.
- Online videos are offered by the company to guide users in creating their website as well as in uploading the videos, but these do not contain audio explanations.



9:41

←

Integrated Reasoning Mock Test - 1

20 Questions 1 hr 30 min

This is a brief description of the test what to expect and what kind of questions are ... more

Results Details

Appeared on

16 December, 12:00pm

Score

80/100

Congrats!

You did better than 70% of the rest of the class

Summary

Total Questions	100
Attempted	80
Correct	80
Incrcorrect	0

The application to learn to code

Mimo is an application that facilitates the learning of several programming languages. The application offers educational content but also exercises, quizzes and real projects allowing the application of the studied concepts.

Type

Digital application for technical training for beginners

Competitive advantage

Fun and user-friendly application to develop hard skills

Price

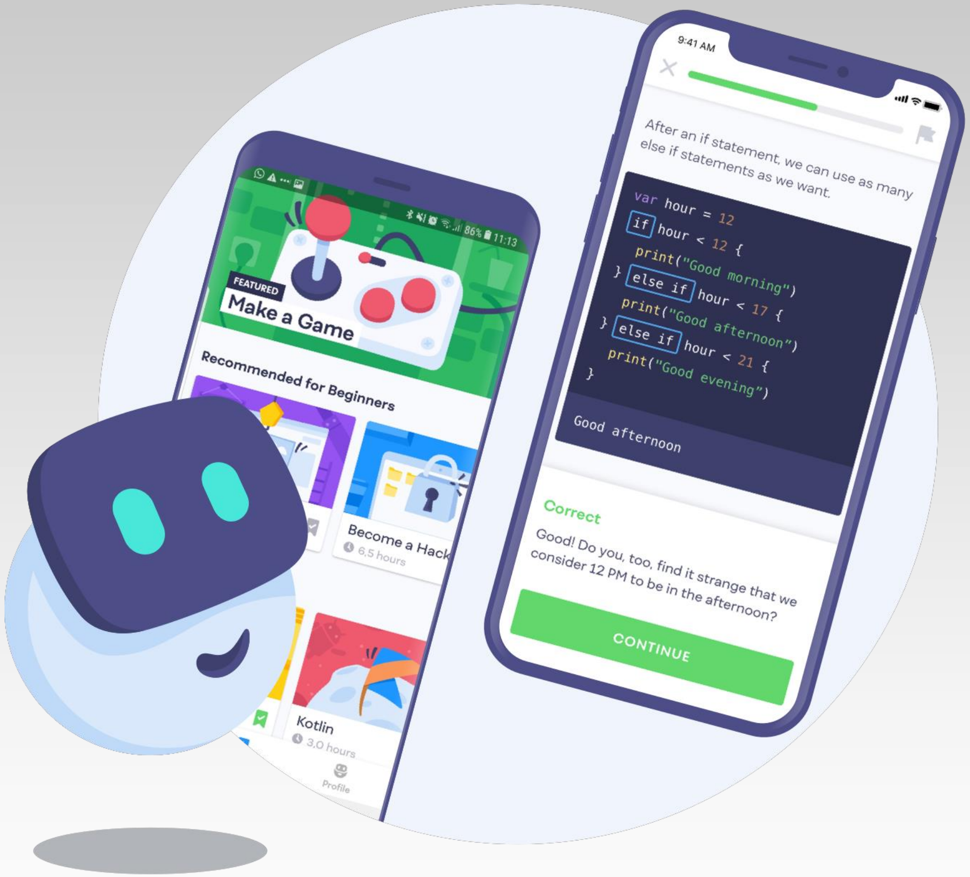
USD 10 per month or USD 80 per year

Number of users

Over 5 million downloads on Google Play Store

Level of development

The company was founded in 2016 by 4 programming and development enthusiasts who came up with the idea of an app to learn how to code in a fun and easy way first for Swift and Java languages. Later, they developed different courses for other programming languages and decided to call their app "Mimo".



After an if statement, we can use as many else if statements as we want.

```
var hour = 12
if hour < 12 {
  print("Good morning")
} else if hour < 17 {
  print("Good afternoon")
} else if hour < 21 {
  print("Good evening")
}
```

```
Good afternoon
```

Correct

Good! Do you, too, find it strange that we consider 12 PM to be in the afternoon?

How does it work?

After downloading the application, the user has the choice of the program they want to start (web development, python programming, python for data science, etc.) as well as the level they want to obtain (casual, regular, serious). After selecting the options that interest them, the user is integrated into a learning path composed of theory, quizzes and codes to fill in. The learner will also have daily learning objectives adapted to the level they wish to obtain.

Link https://getmimo.com/

The application to learn to code

Advantages

- Wide variety of programming languages offered (Python, Javascript, HTML, SQL, etc.).
- Immediate correction of exercises with automatic feedback generation.
- Generation of daily/weekly work objectives with calculation of points after completion of exercises.
- Exercises and learning modules divided by theme or by career objective.
- Optimized interface for regular use on cell phones.
- Guided learning path and projects allowing the application of the knowledge acquired during the theoretical modules.
- A certificate rewarding the level reached and shareable on professional social networks.

mımo
You can code, too!
9:41
Display the **Share** button next to the other button.
Tap the code editor to enter the solution
index.html
style.css
script.js

```
<!doctype html>
<html>
 <body>
  <p>What a great time to be alive!</p>
  <button>Like</button>
```

Suitable for :

Kindergarten ★ Elementary School ★★ High School ★★★★ University ★★

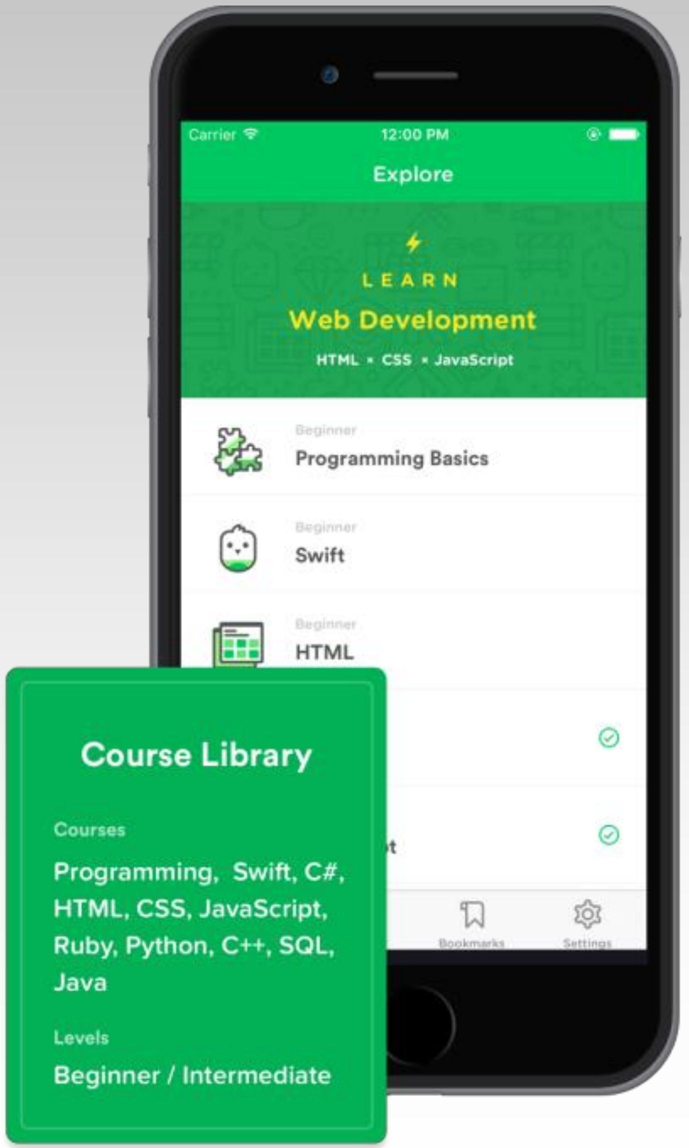
The application to learn to code

As an application that teaches coding and programming, Mimo can offer several benefits to an academic institution:

- Early learning of programming languages can greatly assist students in the conceptual acquisition or understanding of key skills for the current and future job market. By teaching these subjects, an academic institution will increase its attractiveness to students.
- Since the platform is intuitive and user-friendly, students can work relatively independently. This frees up teachers' time to, for example, answer possible questions from learners and support students who are struggling with numerical concepts.
- Learning by doing programming completes and enriches the teaching techniques of teachers and schools. This pedagogical approach will indeed be more adapted to certain students. Moreover, it encourages independent and proactive information search, which underlines the importance given by the school institution to self-training and information verification.

However, the use of this application can cause several problems:

- Mimo allows the learning of basic programming concepts for several languages. However, the application does not allow you to go deeper into the concepts and dive into unguided concrete projects.
- Learning on Mimo requires the use of computers or tablets. If this is not already the case, the institution will have to invest in computer equipment to offer the use of the application.
- The use of the application by younger learners will increase their already excessive exposure to screens.



Course Library

Courses

Programming, Swift, C#, HTML, CSS, JavaScript, Ruby, Python, C++, SQL, Java

Levels

Beginner / Intermediate

Exam preparation application

Edukoya is an application providing educational content and revision exercises for most subjects taught during compulsory and post-compulsory education. It is mainly intended for students preparing for entrance exams to educational institutions. The application also offers the possibility to use tutors via live-chat.

Type

Technological application for exam preparation.

Competitive advantage

The app is content dense, easy to use, and offers the ability to engage educators.

Level of development

The start-up was founded in May 2021 in Lagos by Honey Ogundeyi, a serial entrepreneur in the field of new technologies. Their application is rapidly gaining traction in Nigeria and managed to secure a first funding of USD 3.5 million in December 2021 representing the largest pre-seed funding for an African edtech to date. The company plans to expand its educational content and continue its internationalization.

Number of users

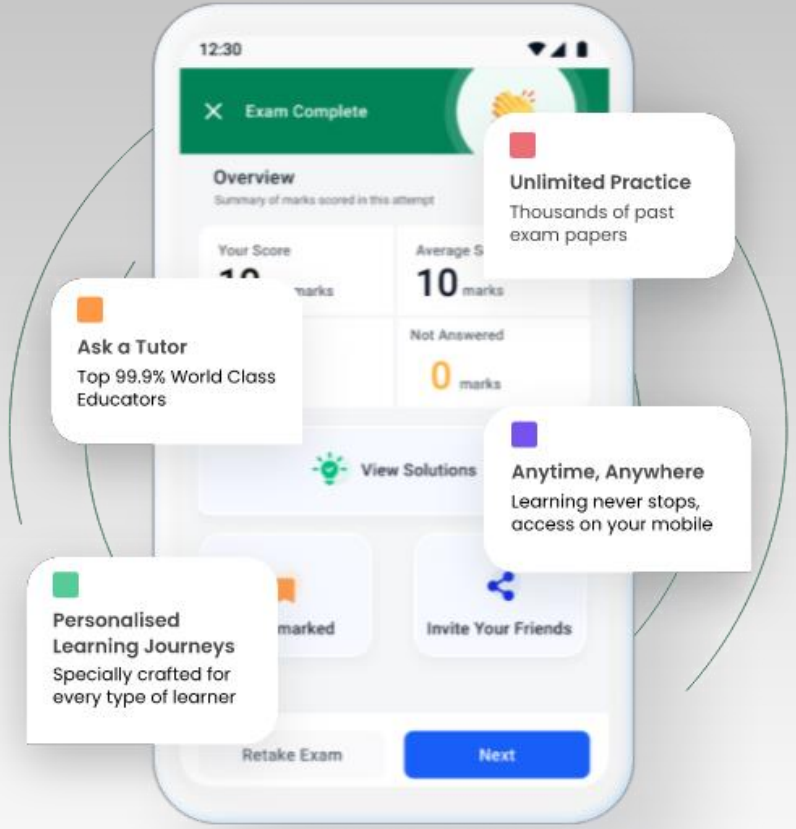
In January 2022, 1 month after its Beta launch, the application had 50'000 downloads on the Google Play store.

Price

No relevant information was found on this subject.

Link

https://edukoya.com/


12:30
Exam Complete
Overview
Summary of marks scored in this attempt
Your Score
Average S
10 marks
Not Answered
0 marks
View Solutions
marked
Invite Your Friends
Retake Exam
Next
Unlimited Practice
Thousands of past exam papers
Ask a Tutor
Top 99.9% World Class Educators
Anytime, Anywhere
Learning never stops, access on your mobile
Personalised Learning Journeys
Specially crafted for every type of learner

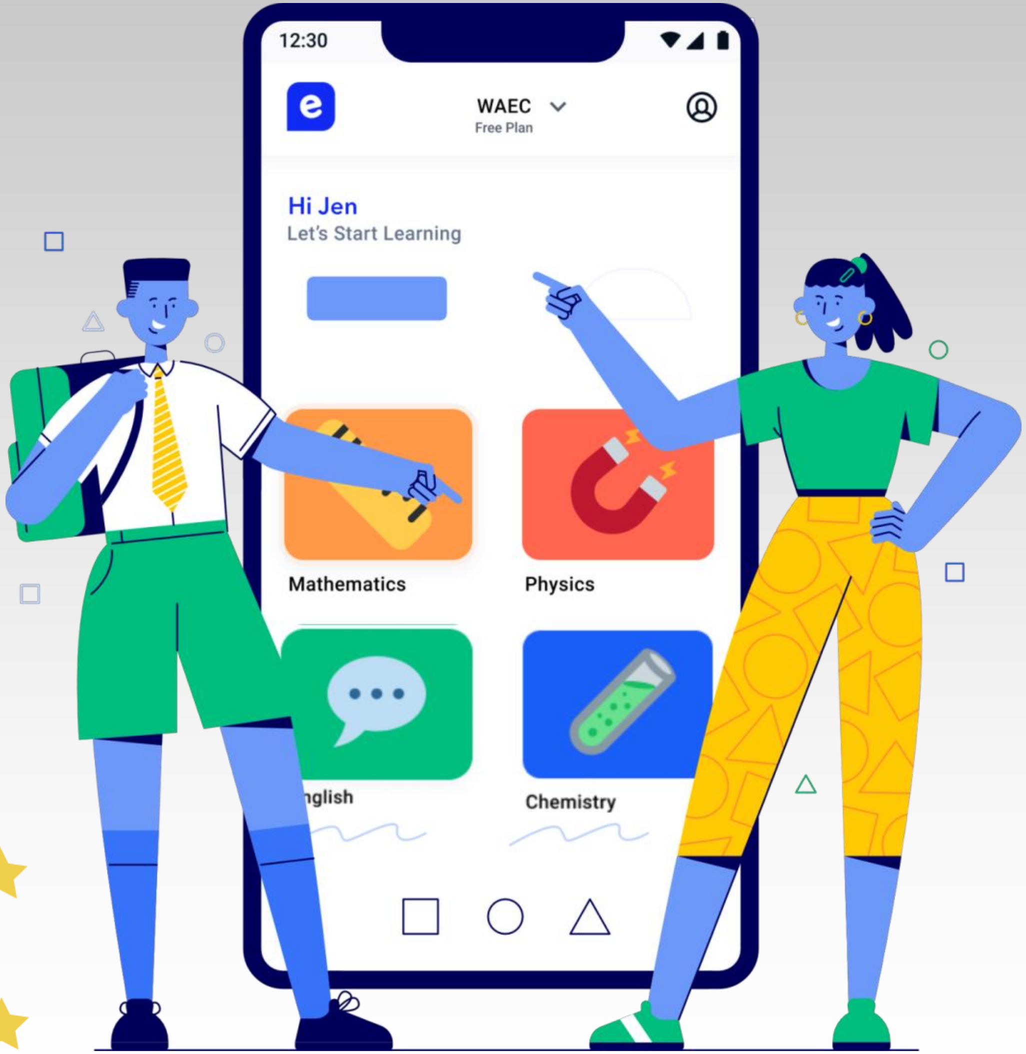
How does it work?

The users integrate a platform allowing them to have access to different courses and exercises on the topics that interest them. When they have questions, they can request support from a remote teacher via an integrated chat system. Learners also have access to a performance tracking dashboard containing their scores, time spent per question and other statistics.

Exam preparation application

Advantages

- Easy to use, intuitive, graphic and ergonomic platform.
- Possibility to save material and exercises and access them without an internet connection.
- Possibility to easily call on a teacher for support on topics that the user is having trouble with.
- According to the start-up, 96% of students who used the platform quickly improved their academic results.
- Generation of learning paths according to the needs and objectives of each learner.
- Optimized application for mobile phones making it easy to study from anywhere.


12:30
WAEC
Free Plan
Hi Jen
Let's Start Learning
Mathematics
Physics
nglish
Chemistry

Suitable for :

Kindergarten ★

Elementary School ★★★

High School ★★★★

University ★★★

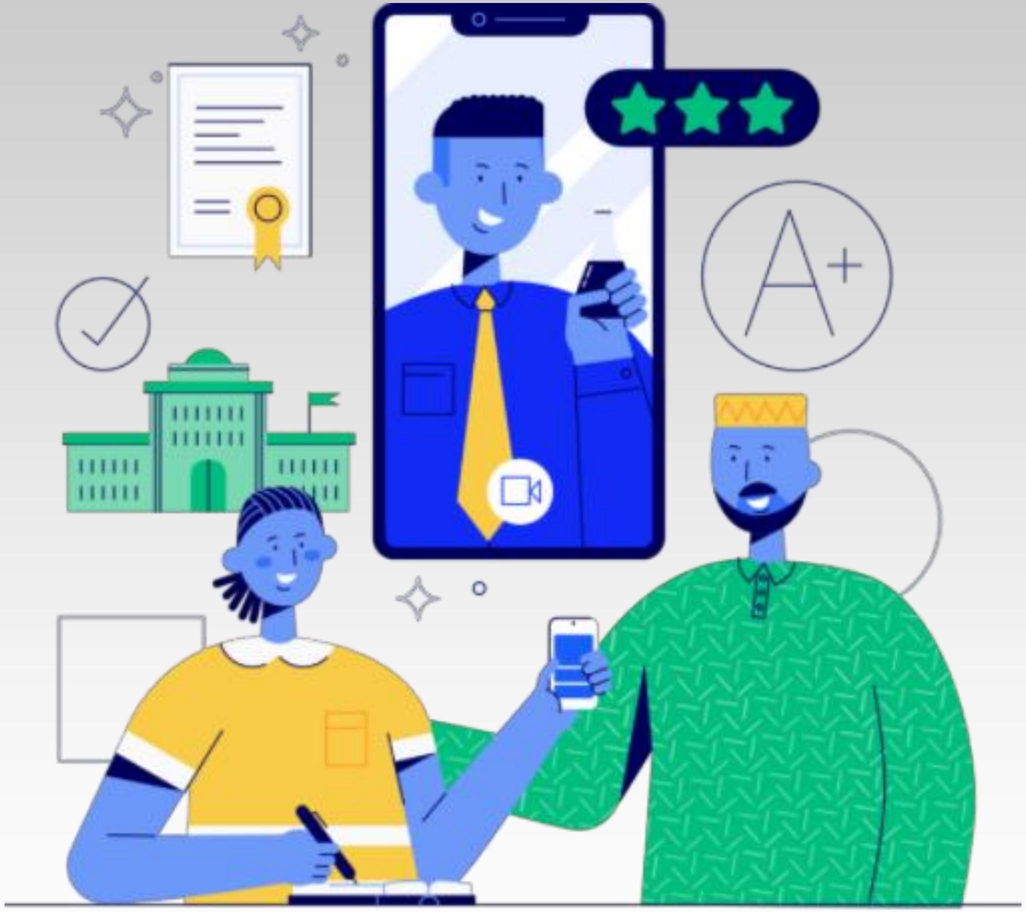
Exam preparation application

For teachers and educational institutions, the use of Edukoya can be beneficial for several reasons:

- The application can be used in addition to the educational material provided by the educational institutions and teachers for most of the subjects taught during compulsory school. The application can be used as an addition to the teaching material provided by schools and teachers for most subjects taught in compulsory school, especially since it offers detailed solutions for each question, which allows for independent learning.
- The learning is done in the form of quizzes which allows users to follow-up on the evolution of the results. This method can be very beneficial to actively consolidate the concepts learned in class.
- Learners have the ability to request help from an educator directly from the platform. This feature would also free up time for teachers and complement their efforts.
- Access to a progress tracking dashboard can allow educators to focus on the subjects/topics that learners are struggling with the most.

However, the app still has room for improvement in many areas:

- The app is, for now, only available in English. As the start-up's roadmap is not communicated, it is not possible for the moment to know if the development of educational content in other languages is planned.
- Tutors are recruited online via a platform. Under these circumstances, depending on the academic background and location of the tutor, it is difficult to know whether the educator is teaching the subject matter to the degree required by the institution.
- As with many applications, the use of Edukoya among younger students increases exposure to smartphones and other screens.



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MONTES ALTI
EDUCATIONAL FOUNDATION
SWITZERLAND

EVOLUTION OF EDTECH BUSINESS MODELS

Prospective monitoring
June 2022
by Geneva Intelligence

Summary of the June 2022 Edition

Definition of Edtechs

Methodology

Trend analysis

ASTRACHAIN is a platform for storing data in the cloud with the advantage of offering a high level of security for the data.

Stukent is a tool that enables the implementation of interactive digital training through simulations. The solution is distinguished by the diversity of the specialities it covers.

Prolific is a data aggregation platform that identifies key elements and highlights them in an interactive way.

EvidenceB offers exercises using cognitive science and artificial intelligence to design a UX interface to achieve differentiated instruction to stimulate learning.

Xello is a platform offering courses for students from primary school to high school. It also allows students to prepare for higher education interactively.

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Learn more about the methodology of monitoring

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An effective method is to conduct products and service developments monitoring.
The below steps were taken to carry out the monitoring and illustrate the results:

- Research, analysis and comparison of a dozen innovative offers in the field of Edtech.
- Identification and understanding of the commercial and technological benefits of these results.
- Identification of Edtech trends and innovations. Trends represent market characteristics and developments.

Objectives

For a company or an educational institution to be sustainably competitive it needs to be constantly aware of changes in its market in order to either limit potential risks or benefit from these changes. This would involve the following:

- Monitor competitive products and service developments.
- Identify and distinguish innovative trends and strategies over the long term.
- Analyse and compare this information with the organisation’s current strategy.
- Evaluate competition and their business strategies through their innovations.
- Carry out a self-evaluation and develop a strategy.
- Find inspiration in the business and technological trends.

DISCOVER EDTECH TRENDS ANALYSIS

Edtech trend analysis

Main technological trends

Represent **opportunities or threats** for the various players in the sector

Artificial intelligence

Learning analysis

Big Data

VR

HUMAN RIGHTS WATCH

Human Right Watch a publié un rapport : " How Dare They Peep into My Private Life ? "

Most edtech companies claim to protect data, especially among young people. However, Human Rights Watch recently published a report contradicting this claim. Of the 164 EdTech systems surveyed, 89% appeared to be involved in activities that "risked or violated children's rights".

Nouvelles marquantes

multiverse

Raises USD 220 million in its latest investment round

The start-up is now valued at EUR 1.7 billion

The start-up

GOMYCODE

Raises USD 8 million

to develop in Africa and the Middle East

PHYSICS WALLAH

*Raises USD 100 million in its latest investment round, and continues its **expansion strategy with a valuation of USD 1.1 million***

Alpha Wave leads the financing round of

cuemath
making kids great at math

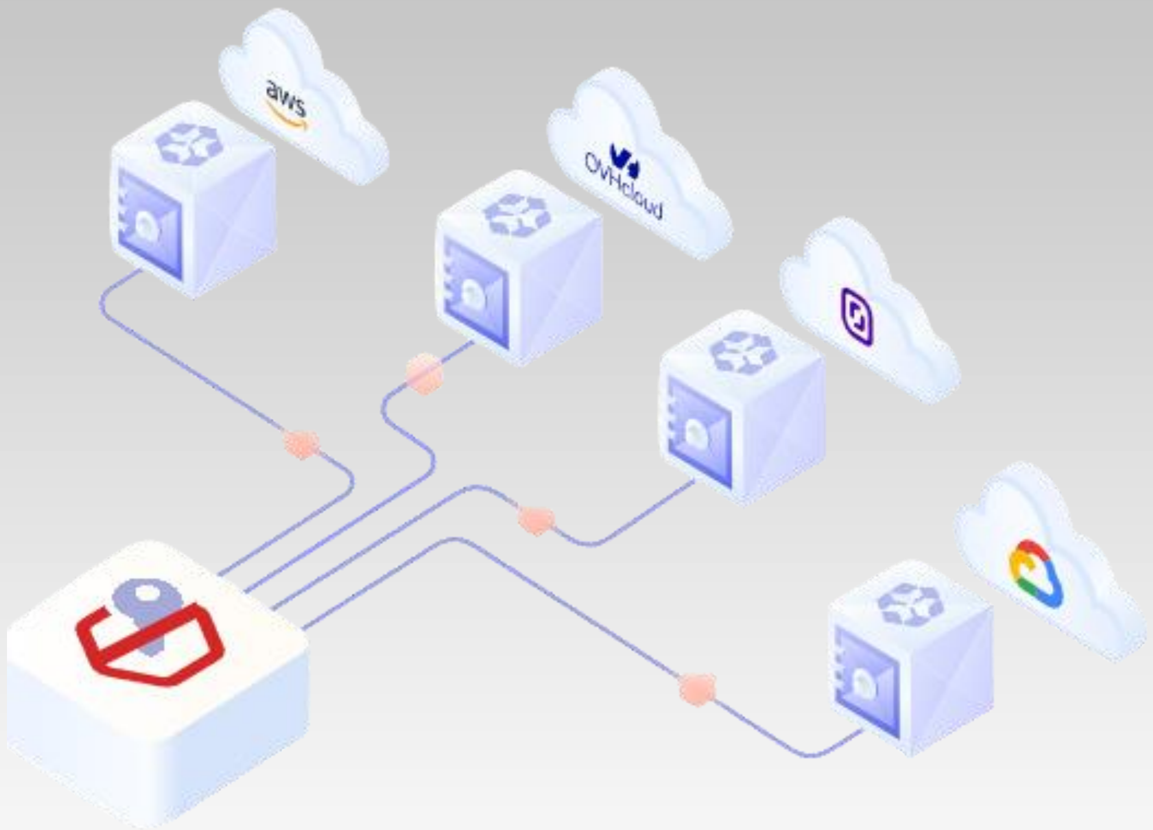
The USD 57 million investment will enable the start-up to expand into more than 100 countries by fiscal year 2023

Discover the analysis of Edtech trends

ASTRACHAIN

Securing sensitive data in a simple way

ASTRACHAIN is a tool to share different types of data through a secure cloud. It does not rely on the use of an authentication key, but on a set of APIs (application programming interface) to encrypt this information.



Type

Platform for storing and sharing data in the cloud.

Competitive advantage

Provides simple security for confidential data while sharing it.

Price

No information detected. A free trial of 200MB trial is available upon registration.

Number of users

No relevant information was found on this subject.

Level of development

Astrachain is a French start-up created in 2021 with two co-founders: Yosra Jarraya and Gilles Seghaier. In November 2021, it successfully raised EUR 2 million in funding. It now has about twenty employees.

How does it work?

Offering secure data management based on a key system is very complex and cumbersome for the development team. With its SPLIT tool, ASTRACHAIN offers transparent and confidential handling of sensitive data through an API to encrypt the data.

Link https://www.astrachain.com/fr/accueil/

Securing sensitive data in a simple way

Advantages

- This innovation makes it possible to secure confidential data for both teachers and students. It is thus possible to share on the cloud students' grades, exam papers, diplomas and even the various tests given in class.
- This type of tool can provide greater confidence in the management of school data, particularly in the context of partnerships with private companies.
- Providing a secure cloud can encourage the sharing of confidential documents, making it easier to collaborate on research.
- Working with a cloud-based system enables greater productivity through ease of storage. Students can file their tests and projects directly and securely online. Similarly, teachers can share documents directly with specific individuals.
- More efficient data management for school IT teams, which can help keep costs down.

kubernetes
IPFS
CLOUD NATIVE
GO

Suitable for:

Kindergarten ★
Elementary School ★★
High School ★★★
University ★★★

Securing sensitive data in a simple way

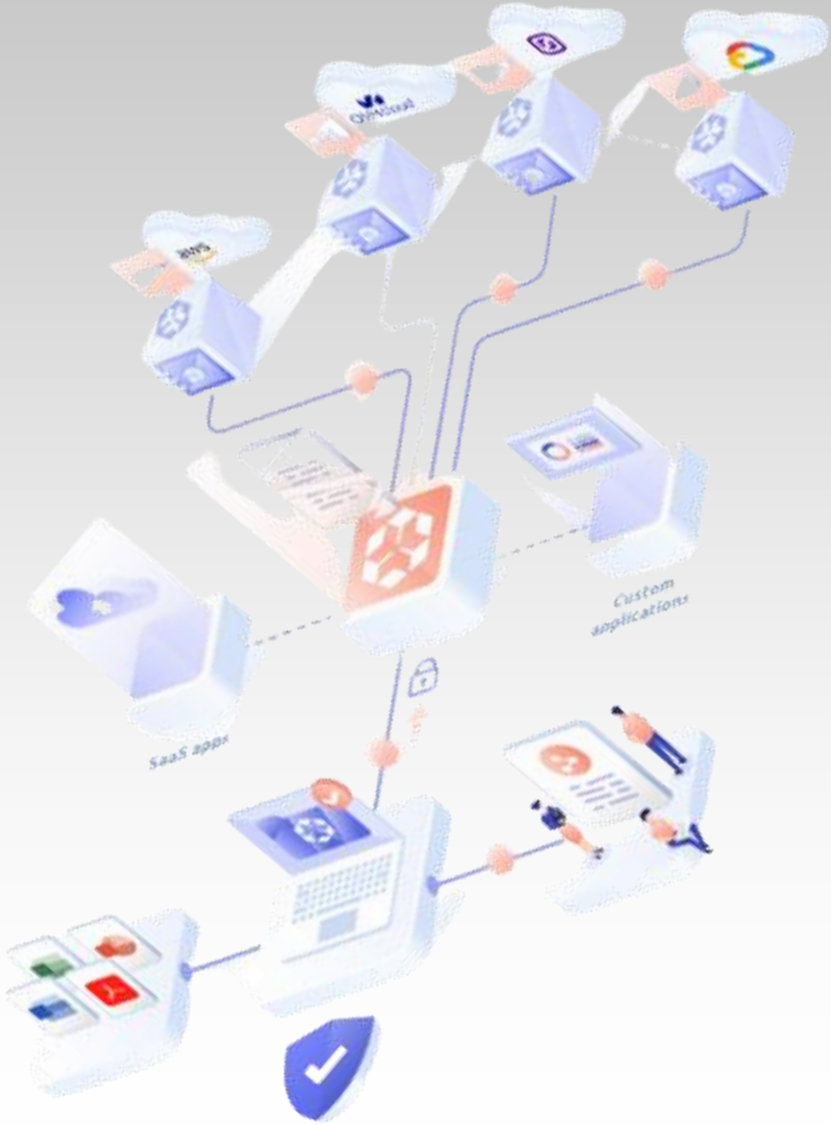
In an academic context, where documents are increasingly digitised and the number of cyber attacks is growing, this type of tool seems more and more relevant.

- International collaborations between different researchers and professors are increasing. Some confidential documents are exchanged by simple emails. A secure cloud increases the storage space for this exchange while at the same time reinforcing its confidentiality. Academic institutions could thus attract prestigious researchers by offering them secure working conditions that guarantee the integrity of their research work.

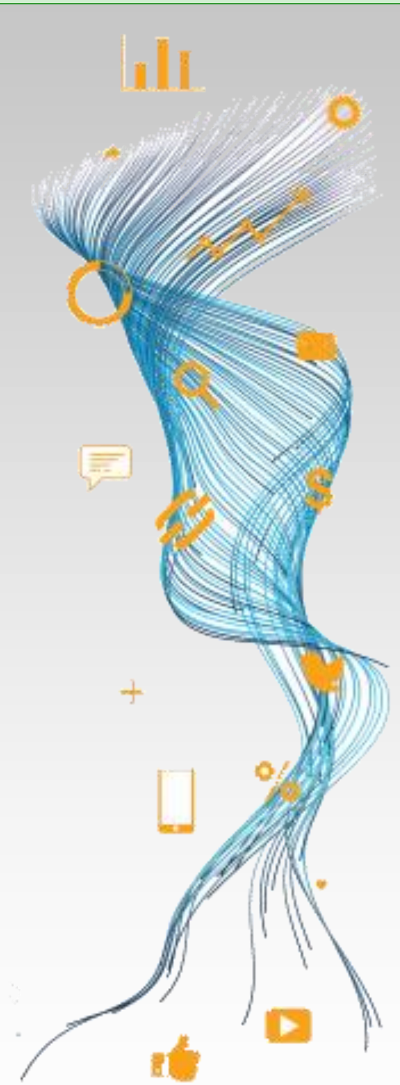
- Student data such as diplomas, transcripts, and certain projects are confidential. With this type of tool, the security of documents but also of personal data is much more easily preserved. Parents may prefer a school because it has implemented enhanced digital security for their children.

- A confidential and secure storage platform is a real asset for a school, especially with companies. Indeed, collaborations between schools and private companies are growing. The implementation of this type of tool provides greater confidence in the security of sensitive data exchanged. Company-academy partnerships could be more numerous and fruitful for a school having installed Astrachain in its Internet procedures.

However, the application could be improved: the number of storage space seems rather limited. The application could be improved through larger storage, especially for bigger institutions.



A simulator as a source of motivation, commitment and teaching flexibility



Stukent is a tool that offers training in various fields through a simulator, electronic manuals and teaching sessions with experts. The extensive simulation experience is called Mimic.

Type Tool offering interactive training though a simulator with digital manuals and teaching sessions with expert

Competitive advantage

The setting up of simulators to apply theories and see their impact.

Price

Prices range from USD 140 to 160.

Number of users

According to the platform's website, Stukent's courseware is used in over 6,344 institutions by 563,227 students.

Level of development

Stukent was founded in 2013 in Rexburg by Stuart Draper, a former marketing student and founder of another start-up called "Get Found First". The idea to create Stukent came to him when he returned to his campus to teach and found that marketing courses and their teaching had not evolved. Today, the company is well integrated in the market, especially with the major US universities.

How does it work?

The use of this tool can come from the student in order to train or complete his training, but the initiative can also come from the faculty, in order to offer interactive courses. With its Mimic tool, Stukent provides a complete training course on several themes (digital marketing, social media, advertising and communication, etc.). A theoretical part is proposed in a first step, then in a second step an advanced simulation allows its application.

Link https://www.stukent.com/

A simulator as a source of motivation, commitment and teaching flexibility

Advantages

- Access to very complete courses, without the intervention of teachers, which brings a real added value.
- Allows for the completion and application of courses that are usually given in a theoretical and abstract manner.
- The short interactive exercises can provide a better understanding of the key elements, but also a greater involvement of the students.
- Teachers can tailor the simulation to the needs of the students and their progress.
- Setting up a simulation with a weekly briefing with a fake boss allows students to be put in the situation of a professional manager.
- In a health crisis context, this tool can support distance learning.

HIGH SCHOOL
ALL-ACCESS PASS
MIMIC
SIMULATIONS

Suitable for:

Kindergarten ★ Elementary School ★ High School ★ ★ ★ University ★ ★ ★ ★

A simulator as a source of motivation, commitment and teaching flexibility

At a time when it seems increasingly difficult to engage students in a course, this tool offers a number of advantages for institutions and teachers.

- The courses offered by Stukent are suitable for both face-to-face and video conferencing sessions. The tool thus provides greater flexibility and adaptability for institutions and teachers. It can be wise to rely on this tool in a context where the format of courses can be changed because of health and hygiene recommendations.
- Simulations can improve student involvement and development such as by managing budgets, advertising campaigns, product launches, etc. The tool thus supports the teachers' pedagogical effort.
- Teahcers can personalise the simulations according to the needs and abilities of the different students. It is possible to imagine an animation in the form of a competition between students, in which they are led to apply the theories taught beforehand to maximise the results of their campaign in the simulation.
- Finally, Stukent offers a concrete environment for students that prepares them for the professional world, when universities are regularly criticised for their lack of practicality and employability.

However, one must remain vigilant on certain points:

- While Stukent's website may lead some to believe the opposite, the objective is not to replace the teacher but to make the course more dynamic and interactive.
- It is regrettable that Stukent is only offered for the field of marketing for the moment. With its current expansion, it is very likely that this tool will be developed for other teaching subjects such as history, mathematics, economics, etc.
- Finally, this tool requires a certain digital ability, and the possession of a computer. Care must be taken not to reinforce the inequalities already present in the classroom.

Loan Application

Creation and use of educational data to enhance teaching

Proliftic is a platform offered by Sourcewell, a service cooperative created by the Minnesota legislature. This platform enables the analysis and enhancements of academic data.

Type

Data aggregation and enhancement platform.

Competitive advantage

Leads to a better understanding of academic data in a simple way through an easy to use interface.

Number of users

No relevant information was found on this subject.

Price

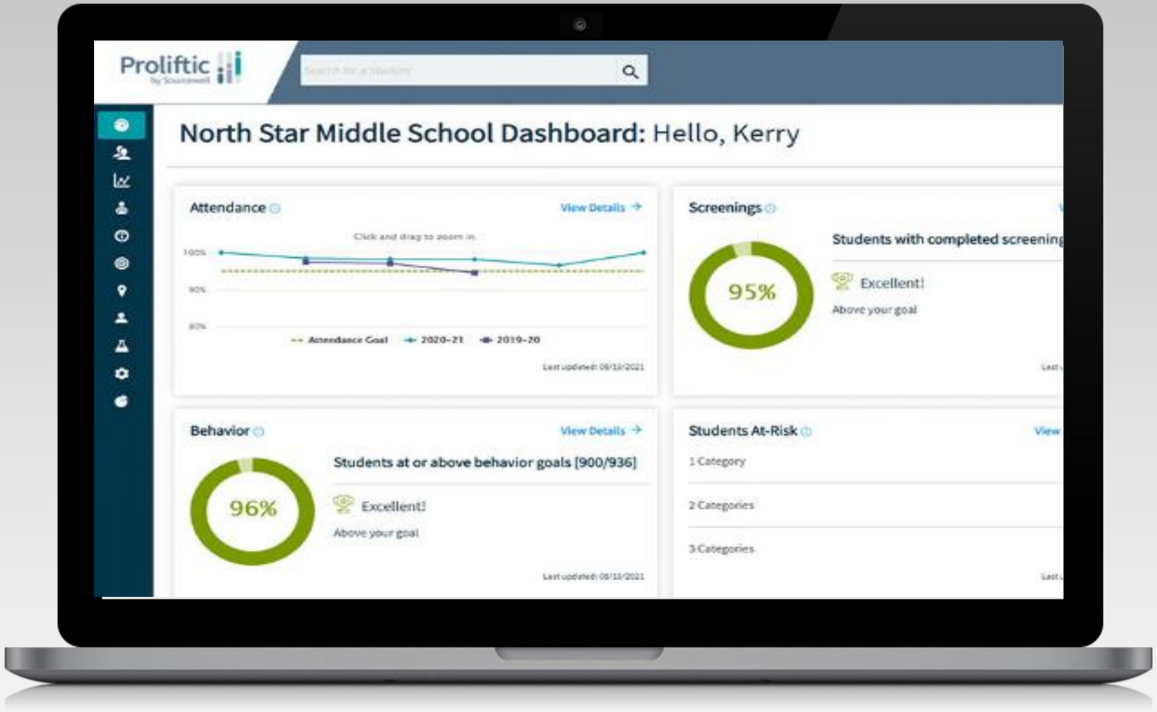
Prices are not directly communicated, but vary according to the size of the establishment.

Level of development

Proliftic is a tool developed by Sourcewell Technology which is a joint powers entity formed under Minnesota law. The date of commencement of operations of Prolific has not been identified, nor have the current users of the platform. However, the level of development is advanced, with a product already on the market.

Link

https://www.proliftic.org/


Proliftic
North Star Middle School Dashboard: Hello, Kerry
Attendance
View Details
Click and drag to zoom in
100%
90%
80%
Attendance Goal
2020-21
2019-20
Screenings
95%
Students with completed screening
Excellent!
Above your goal
Behavior
96%
Students at or above behavior goals [900/936]
Excellent!
Above your goal
Students At-Risk
1 Category
2 Categories
3 Categories

How does it work?

The solution integrates data, such as grades, number of absences, etc. Once this data is provided, teachers can access the platform and perform quantitative analysis. Some of the data can be highlighted directly in the interface thanks to the predefined visualisations, or the teacher can create them.

Creation and use of educational data to enhance teaching

Advantages

- Consolidate a set of data on a single platform.
- Highlight the most important data, and thus make comparisons, for example with other classes or previous batches.
- Provide alerts when a student's average drops sharply in order to help them early on.
- Allows the progress of a student or class to be monitored in order to adapt a programme.
- The platform offers data security and privacy settings.
- Belongs to a cooperative that does not aim to make a profit, but to develop solutions to support teachers.

Attendance
Academics
Behavior & Social-Emotional
0 1 2 3 4 5 6 7 8 9
64%

Suitable for:

Kindergarten ★★ Elementary School ★★★★ High School ★★★★ University ★

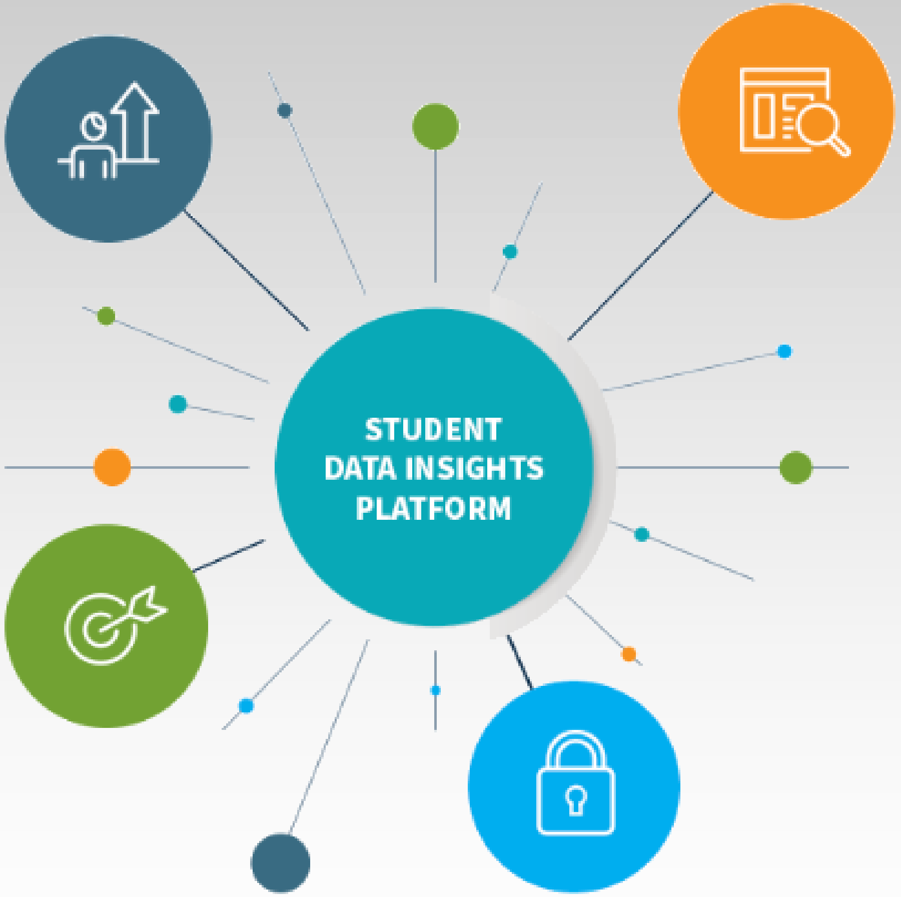
Creation and use of educational data to enhance teaching

The use of a platform such as Prolific can be beneficial to a school institution for several reasons:

- Having an overview of all the data of a class or a student represents a considerable time saving for the teaching staff. A teacher no longer has to cross-check grades or assessments, but has all the information directly at his or her disposal. He can quickly understand the pedagogical priorities to be put in place.
- It becomes easier to quickly identify a pupil in difficulty in order to help them in a specific way. Thus, teachers can be much more reactive.
- This type of tool also makes it possible to set up statistics on classes but also on different timeframes. A teacher who changes part of his or her curriculum or tries to implement a more interactive course can then measure the impact of these changes on the students' results.
- The platform allows for data security and privacy management.

However, the platform can have its drawbacks:

- It allows each teacher to know the grades, comments and ratings of the students. This can create additional stress for students who are then subjected to a complete and global evaluation of their work.
- Data security, although highlighted on the Proliftic website, remains a concern. Indeed, this tool emphasises the aggregation of data to allow their exploitation by a large number of people. The likelihood of this data being accidentally leaked or misused increases proportionally with the number of people who can access it. This poses a serious problem, especially for confidential data such as grades or diplomas.



EvidenceB inside

Personalised and adaptive exercises to improve learning

EvidenceB is a platform with innovative learning methods to motivate students to learn new subjects or topics. It offers personalised and adaptive exercises for each student.

Type

Digital platform for interactive educational games.

Competitive advantage

Stimulates students' learning by offering them new ways of learning.

Number of users

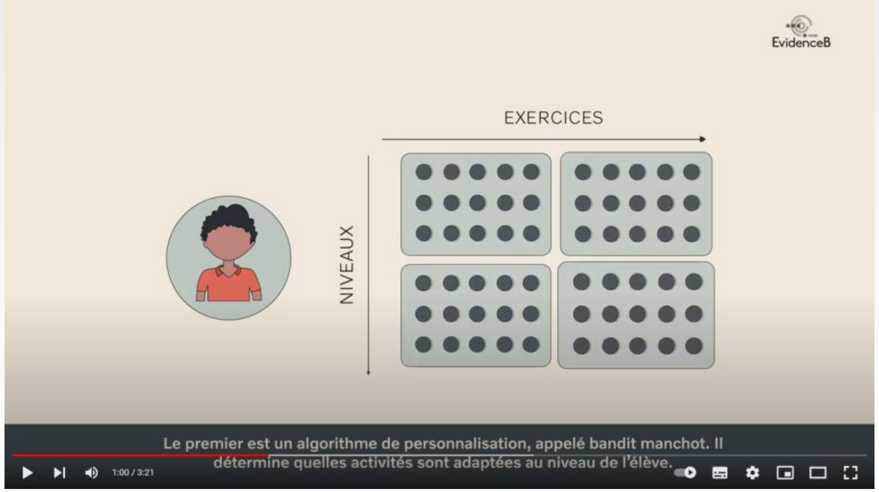
Depends on the number of people using the tool.

Price

1 million registered users.

Level of development

EvidenceB is an EdTech created in 2017 by Thierry de Vulpillières, ex-director of educational partnerships at Microsoft, Catherine de Vulpillières, ENS, ex-aggregate professor of Letters, and Didier Plasse, multi-entrepreneur. The start-up won the Education and Training Award in 2021 and had a fundraising of EUR 2 million in 2019.



Le premier est un algorithme de personnalisation, appelé bandit manchot. Il détermine quelles activités sont adaptées au niveau de l'élève.

How does it work?

EvidenceB takes the form of a platform with different applications depending on the offer selected. The interface can be used from a computer or a tablet. Pupils will have to answer different questions according to their level, so that teachers can help those with difficulties.

Link https://www.evidenceb.com/

Personalised and adaptive exercises to improve learning

Advantages

- A methodology that encompasses cognitive science, artificial intelligence and UX interface to stimulate students.
- The use of a chatbot that provides instant answers.
- Three different programs to learn or revise mathematics, Latin or French.
- Allows you to work independently but still under the supervision of your teachers.
- Optimised interface for use on a computer or tablet.
- The tool adapts to the different levels of the students, which favours a fast and adapted progression for each one.
- The solution is based on the cloud, so there is no need to worry about available storage space.

INTELLIGENCE ARTIFICIELLE

INTERFACE UX

SCIENCES COGNITIVES

Suitable for:

Kindergarten	★★
Elementary School	★★★
High School	★★★
University	

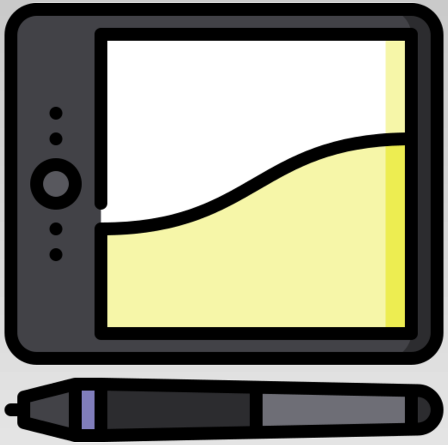
Personalised and adaptive exercises to improve learning

As an application that facilitates learning, EvidenceB can offer several advantages to an academic institution:

- Learning mathematics and languages from an early age through games brings real added value to an academic institution.
- Taking into account cognitive sciences and artificial intelligence allows the degree of difficulty of the different exercises to be adapted. In this way, everyone progresses at their own pace. Pupils who have an aptitude for learning are stimulated, while those who have difficulty learn at their own pace. Teachers benefit from a tool to personalise teaching and make it more optimal.
- Independent work allows teachers to focus on students with difficulties. In addition, this method makes it possible to make the students responsible for finding the answer by themselves.
- The proposed interface is very easy to use, even for people who are not comfortable with digital tools. Teachers do not need long training to use this tool.
- The implementation of a cloud makes it possible to connect from any device without any local stored data. It is therefore possible to use this platform from any location with computers or tablets and an internet connection.

However, EvidenceB Dis has several areas for improvement:

- This tool only offers three subjects: French, mathematics and Latin. It could be very interesting to widen the scope of topics such as history, geography and and geography propose contents such as history, geography or philosophy.
- Learning with EvidenceB requires the use of computers or tablets. If this is not already the case, the institution will have to invest in hardware to offer the application.



awards
edtechX
EvidenceB inside
2022
edtechX
ESG & Impact | Winner
Supported by:
IBIS
edtechx holdings

2022 ESG & Impact Award - Winner

Honouring companies with meaningful ESG policies and impact strategies in education and learning.

xello

An academic and professional orientation platform

Xello is a platform offering educational content and exercises according to the student's class. In this way, it complements the teachers' courses. In addition, xello can guide the student through higher education by offering courses that match their interests and qualifications.

Type

Training and orientation platform.

Competitive advantage

This platform allows you to prepare for courses and exams, and to better understand higher education and the courses offered.

Number of users

The platform claims over one million hours of use per school year.

Level of development

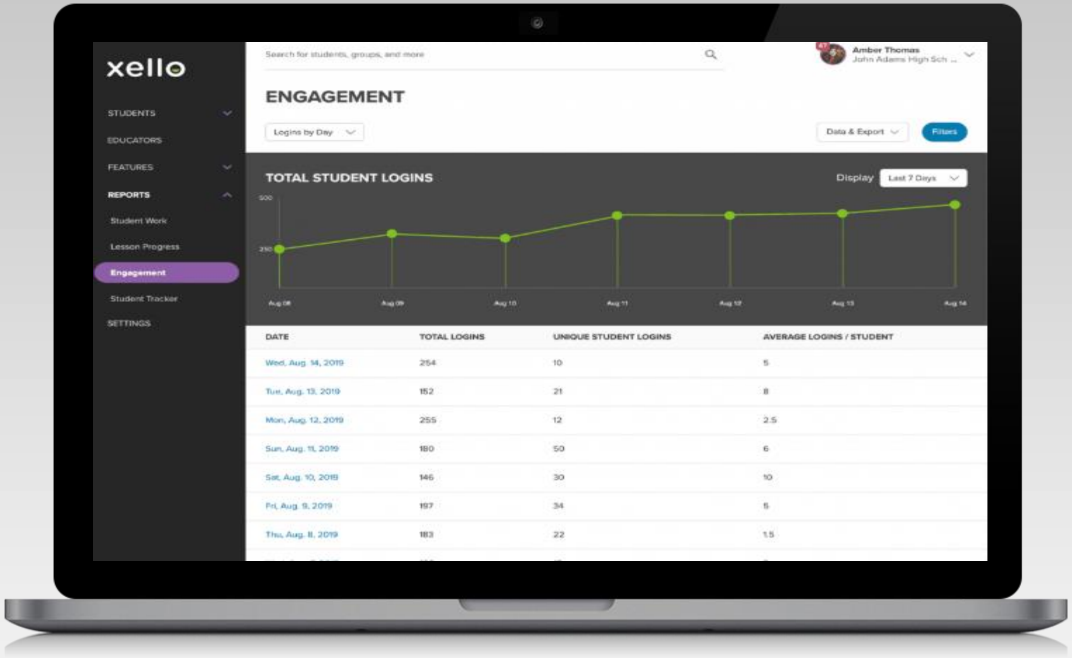
Carrer Cruising was founded by Matt McMurtry, Jeff Harris and Angus McMurtry in 1995. The company grew to over 100 employees in 2016. In 2017, it developed xello and at the same time renamed the company accordingly.

Price

Billing depends on the number of students and the packaging chosen.

Link

https://xello.world/en/


xello
STUDENTS
EDUCATORS
FEATURES
REPORTS
Student Work
Lesson Progress
Engagement
Student Tracker
SETTINGS
Search for students, groups, and more
Amber Thomas
John Adams High Sch ...
ENGAGEMENT
Logins by Day
Data & Export
Filters
TOTAL STUDENT LOGINS
Display
Last 7 Days
500
250
Aug 08
Aug 09
Aug 10
Aug 11
Aug 12
Aug 13
Aug 14

DATE	TOTAL LOGINS	UNIQUE STUDENT LOGINS	AVERAGE LOGINS / STUDENT
Wed, Aug. 14, 2019	254	10	5
Tue, Aug. 13, 2019	152	21	8
Mon, Aug. 12, 2019	255	12	2.5
Sun, Aug. 11, 2019	180	50	6
Sat, Aug. 10, 2019	146	30	10
Fri, Aug. 9, 2019	197	34	5
Thu, Aug. 8, 2019	183	22	1.5

How does it work?

The teachers decide how many students they want to take on and which offer is most relevant to their needs and the classes involved. Afterwards, students have access to an interface that allows them to view courses, take exams, and talk directly with the teacher through a chat. Above all, they can see the different courses available and the number of places in the universities. Teachers can follow the progress of their students, communicate directly with them or plan a lesson.

xello

An academic and professional orientation platform

Advantages

- Intuitive and easy-to-use interface for both teachers and students.
- The implementation of instant messaging allows for more interaction, responsiveness and horizontality.
- The ability for teachers to get all student information in an easy-to-read report helps to better understand student needs and potentially identify those who are dropping out.
- According to Xello, the platform is 14 times more engaging than the average digital education solution and 20% of students log in outside of class time.
- The platform implements 'self-assessments' to better understand the personality and interests of students. Subsequently, it proposes courses that may be suitable for students depending on their profiles.
- Xello references the different schools and universities, the courses, the number of places, and the profiles sought to guide students towards higher education.

Suitable for:

Kindergarten ★★ Elementary School ★★★ High School ★★★★ University ★

An academic and professional orientation platform

For both teachers and students, Xello has many advantages:

- Students have the possibility to take tests to highlight the activities and subjects they are passionate about. Afterwards, the platform can suggest jobs that might suit them, but also courses that match their ambitions, results and interests.
- Teachers can consult students' and classes' information. They can also view intuitive reports and identify students who need help. In addition, a feature of Xello allows tracking the success of students after graduation.
- It is often difficult for a teacher to give precise information about an institution or course, especially when accompanying large classes. Xello offers a university listing to guide students. In addition, it also indicates the type of profile sought by the program, if the course are selective, the rate of acceptancy and the job opportunities.
- The introduction of instant messaging allows for greater responsiveness on the part of students and teaching staff.
- The educational institution also gains in attractiveness to students and their parents as it offers guidance and career counselling based on an understanding of students' strengths and expectations.

However, the application has several areas for improvement:

- The platform requires the use of a computer or smartphone which can be a problem for poorly equipped institutions. Moreover, students are not equal when it comes to digital technology and this type of tool can increase inequalities.
- According to Xello, 20% of registered students use the solution outside of class time. While this figure attests to the success of the platform with its users, it raises the question of the differentiation between school and private life as well as the right of students to disconnect outside of class.

GENEVA INTELLIGENCE
STRATEGIC INFORMATION

MONTES ALTI
EDUCATIONAL FOUNDATION
SWITZERLAND

EVOLUTION OF EDTECH BUSINESS MODELS

Prospective monitoring
September 2022
by Geneva Intelligence

Summary of the September 2022 edition

Definition of Edtechs

Methodology

Trends Analysis

Partager Apprendre is a platform that gives teachers the opportunity to share or sell documents with an educational purpose.

Kokoroe is an online platform that offers short courses with various formats to increase engagement.

Atom Learning is a learning tool that helps students revise and deepen their knowledge. In addition, it allows students to prepare for exams, but also to see their progress and points of improvement.

Pronote is a complete solution for managing school life. All the information relating to the student's experience within the school is centralised and digitised by the solution.

Padlet is an online application that allows the creation of collaborative virtual "bulletin boards" of images, text, sounds, web links and videos in the form of thumbnails.

Definition of Edtechs

Definition of Edtechs:

The acronym EdTech is short for Educational Technology. **EdTech represents the use of new technologies to facilitate and improve knowledge learning and transmission.**

For example, e-learning provides individual digital teaching instead as an alternative to physically attending classrooms. These "classrooms" and MOOCs (Massive Open Online Courses) are lectures broadcast on the Internet. The LMS (Learning Management System) makes it possible to distribute educational content online, including the possibility of offering a complete course. There are also educational robots that capture the attention of young people and support them in their learning.

EdTech provides tailor-made and on-demand services. It revolutionises teaching, making it possible to **design a personalised learning path for students.**

Teachers and schools in general also benefit from these technologies, wich facilitate the sharing of knowledge in collaboration with their students through participatory and pedagogical teaching. In addition, they use these technologies as **online platforms to better organize, control and monitor learning and adapt their teachings to students**. This allows them to provide more relevant and effective services.

Overall, Edtech benefits students and teachers as well as schools by **facilitating administration and communication**. They improve dialogue, education, learning and above all pedagogy.

DISCOVER MONITORING METHODOLOGY

ACCEUIL PRECEDENT SUIVANT

Prospective monitoring - Definition

Overview

Prospective monitoring consists of collecting strategic information in order to anticipate changes in the ecosystem and respond as quickly and appropriately as possible. Prospective monitoring provides support for the implementation of a commercial and technological strategy.

Methodology

An effective method is to involves regular monitoring and service developments monitoring.
The below steps were taken to carry out the monitoring and illustrate the results:

- Research, analysis and comparison of a dozen innovative offers in the field of Edtech.
- Identification and understanding of the commercial and technological benefits of these results.
- Identification of Edtech trends and innovations. Trends represent market characteristics and developments.

Objectives

For a company or educational institution to compete sustainably competitive it needs to be constantly aware of changes in its market, in order to either limit potential risks or benefit from these changes. This would involve the following:
Monitor competitive products and service developments.
Identify and distinguish innovative trends and strategies over the long term.
Analyse and compare this information with the organisation’s current strategy.
Evaluate competition and their business strategies through their innovations.
Carry out a self-evaluation and develop a strategy.
Find inspiration in business and technological trends.

DISCOVER EDTECH TRENDS ANALYSIS

Edtech trend analysis

Main technological trends

Represent **opportunities or threats** for the various players in the sector

Artificial intelligence

Learning analysis

Big Data

VR

Fortune Business Insight has published a research report, entitled "EdTech and Smart Classroom Market Forecast, 2022-2029"

According to the report, the global edtech and smart classrooms market share is expected to reach USD 319.65 billion by 2029, growing at a CAGR of 17.8% during the forecast period. According to the same report, the global market size was USD 88.82 billion in 2021.

Major developments

upGrad

has raised USD 210 million from investors.

Start up

bhanzu

Raises USD 15 million

to eradicate 'maths phobia' among students

twenix

Raises EUR 3.5 million to improve professional language skills

Tiger Global invests USD 50 million in Indonesian Edtech startup

ruangguru

Discover the analysis of Edtech trends

Partager-Apprendre : A platform that values teachers' work

Share and Learn is a platform that gives teachers the opportunity to share or sell documents with an educational purpose.

Type

Platform for sharing paid or free documents.

Competitive advantage

An easy-to-use service to share and showcase teachers' work.

Price

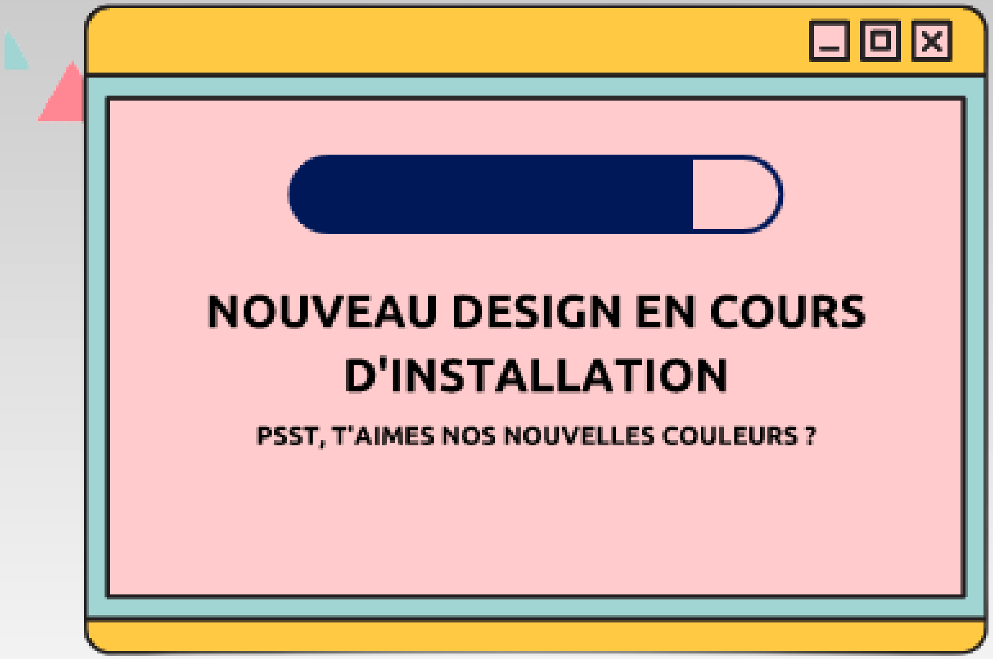
Sharing-Learning is free but takes a 40% margin on the sales of paid documents. The remaining 60% goes to the author of the document.

Number of users

By July 2022, the platform had 950 registered users, almost 38,000 downloads and 823 document sales.

Level of development

The creation of Partager-Apprendre seems to date back to January 2020, but the start-up has been supported since June 2022 by the official business creation support body of the canton of Fribourg (FRUP). Moreover, the company has been offering its services since the beginning of 2022.



NOUVEAU DESIGN EN COURS D'INSTALLATION

PSST, T'AIMES NOS NOUVELLES COULEURS ?

How does it work?

Share and Learn allows teachers to share documents in a very simple way. These are generally simple documents that can be printed. They can be free or paid depending on the creator's wishes. Afterwards, users can download the documents put online for free or pay for those that are monetised. You only need to be registered to have access to all documents on the platform.

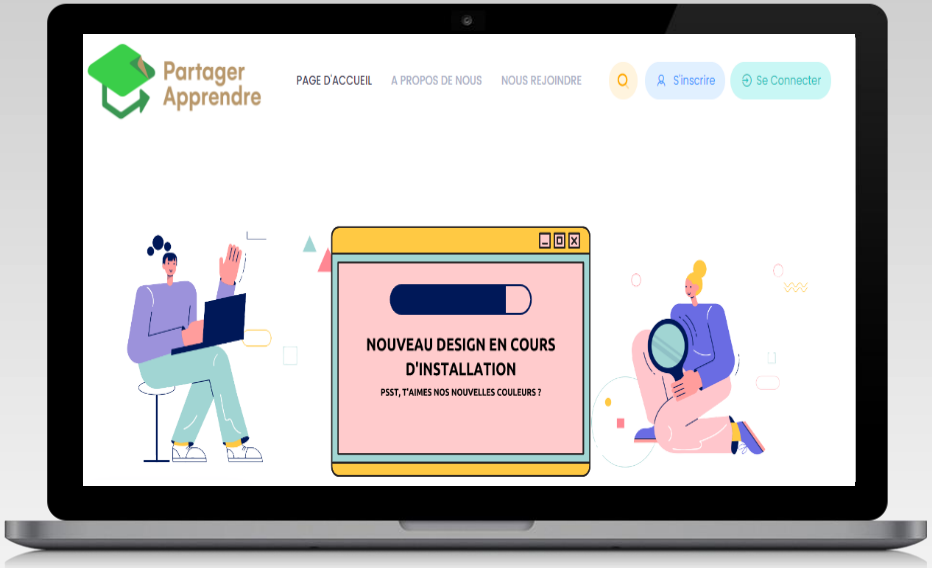
Link https://partager-apprendre.ch/

Partager Apprendre

Partager-Apprendre : A platform that values teachers' work

Advantages :

- Sharing-Learning allows teachers' work to be valued. Indeed, when a quality document is created, the teacher can share it with the members registered on the site.
- Monetisation of files again allows teachers' work to be valued. It is always gratifying to know that people are willing to pay for our work (if it is monetised). The added value is therefore twofold: the pupils are stimulated and the teachers' work is valued.
- The platform is very easy to use, so even teachers with little computer knowledge can benefit from this tool.
- The possibility to look at different free or paid creations stimulates the creativity of teachers or parents.
- The ease of obtaining multiple documents with just a few clicks saves time for teachers.
- The documents can be filtered according to educational level (class), branch (subject) and type of document.



NOUVEAU DESIGN EN COURS D'INSTALLATION

PSST, T'AIMES NOS NOUVELLES COULEURS ?

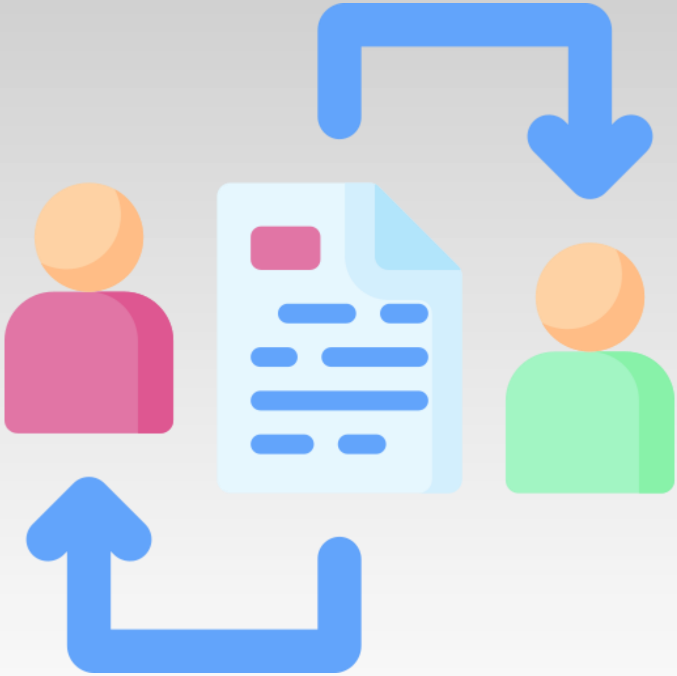
Suitable for :

Kindergarten ★★★★ Elementary School ★★★★ High School ★ University

Partager-Apprendre : A platform that values teachers' work

Many teachers produce high-quality materials and tools. It is a pity that the results aren't shared with the entire teaching staff. For this reason, Share and Learn has many benefits:

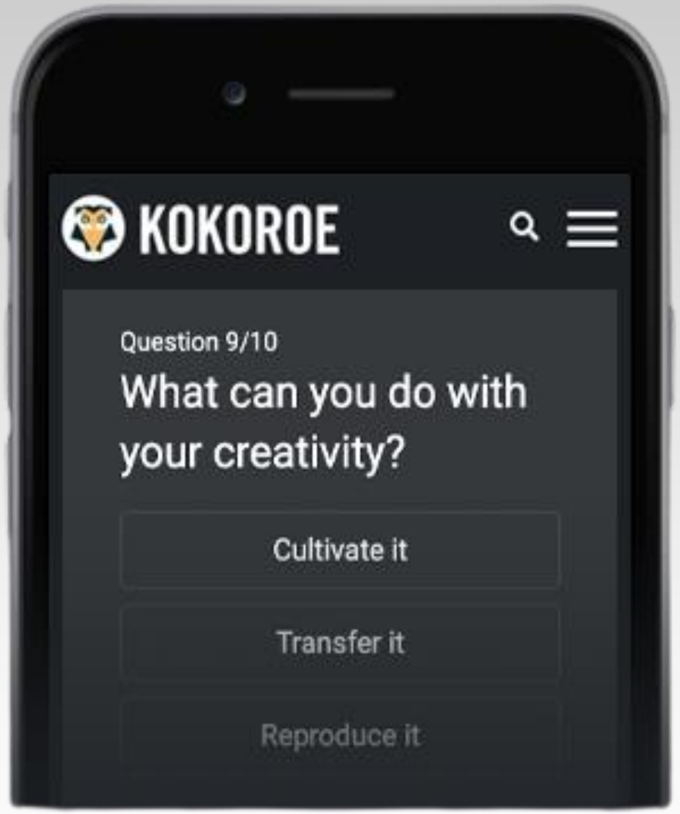
- The value of a high quality document produced by a teacher can be measured by the learning and enjoyment of the pupils, but also **by the number of times the document is uploaded to the platform.** This number of downloads can be an additional source of motivation. It can represent the number of people who helped.
- Document sharing **saves a lot of time** for the whole teaching staff so that documents are not duplicated. In addition, **this type of platform can highlight teachers or an institution with a high pedagogical quality.**
- The ease of use of the platform makes it possible to **include a larger number of people**, even those with a lack of computer knowledge. In this way, Sharing-Learning can **create a community spirit** that encourages teachers to produce increasingly creative and qualitative documents.



However, this platform could be improved on several points:

- For the moment the **maximum educational level proposed is middle school** whereas this idea could be applied for higher education levels.
- It is a pity that the platform does **not offer features for exchange between teachers.** Such tools would allow the transmission of good practice as well as documents.

Kokoroe : A training platform for the knowledge of tomorrow



Question 9/10

What can you do with your creativity?

Kokoroe is an online platform that offers small training courses in various formats for students or anyone who wants to increase their knowledge in a fun way.

Type

Platform offering fun training.

Competitive advantage

The training courses offered stimulate learners and the topics covered focus on the skills of tomorrow: creativity, diversity and inclusion, well-being at work, etc.

Price

Kokoroe has a freenium offer with 7 free courses, but a subscription of CHF 7.95 is required to access the whole catalogue (CHF 6.50 for a yearly subscription).

Number of users

According to the Kokoroe website, the platform has over 60,000 users.

Level of development

Founded in 2014 in Paris, Kokoroe grew up in the Microsoft Ventures accelerator. It is now a company with more than 10 employees. Many multinationals use their platform: Orange, Danone, La Poste, Vinci...

How does it work?

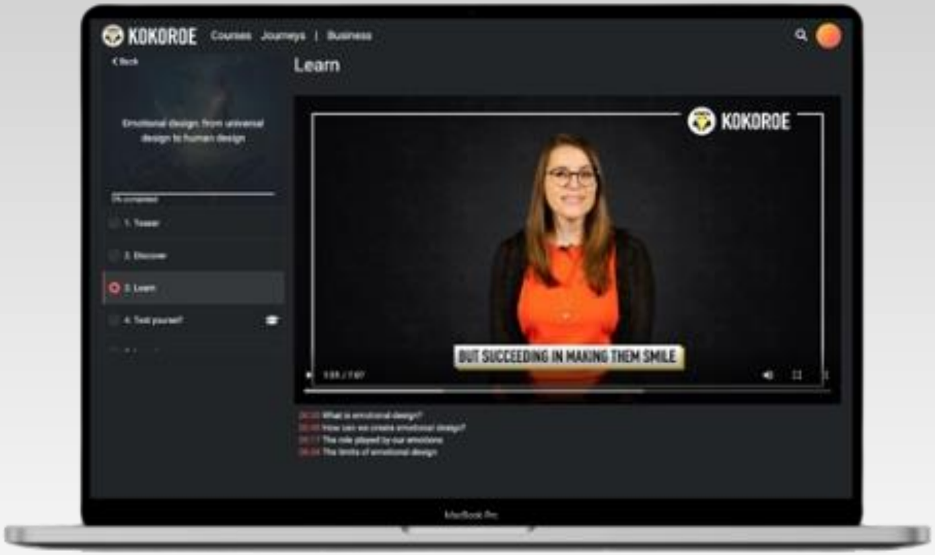
The platform offers different training courses that can be classified as either human, business or technological skills. A small number of them are free, and the platform offers a paid subscription for the others. The courses are quite short in order to optimise learning and different formats are used such as microlearning, expert videos and a quiz that awards a certificate.

Link https://kokoroe.co/

Kokoroe : A training platform for the knowledge of tomorrow

Advantages :

- The solution enables learners to better grasp complex concepts or ideas. Particularly on new topics or skills. The use of short videos based on microlearning and longer videos using experts allows for a better understanding.
- The use of short videos based on microlearning and longer videos featuring experts allows for better understanding.
- The use of a quiz and a certificate of achievement at the end of the course increases the learner's attention, but also verifies whether the knowledge has been acquired.
- The use of a quiz and a certificate of achievement at the end of the course helps to increase the learner's attention, but also to check whether the knowledge has been acquired.
- Kokoroe can be used on different media: computer, tablet, smartphone.
- Many webinars are offered by the platform. In addition, it is also possible to review replays of previous webinars.
- The training courses are generally offered in French and English.



Suitable for:

Kindergarten

Elementary School ★

High School ★ ★ ★

University ★ ★ ★ ★

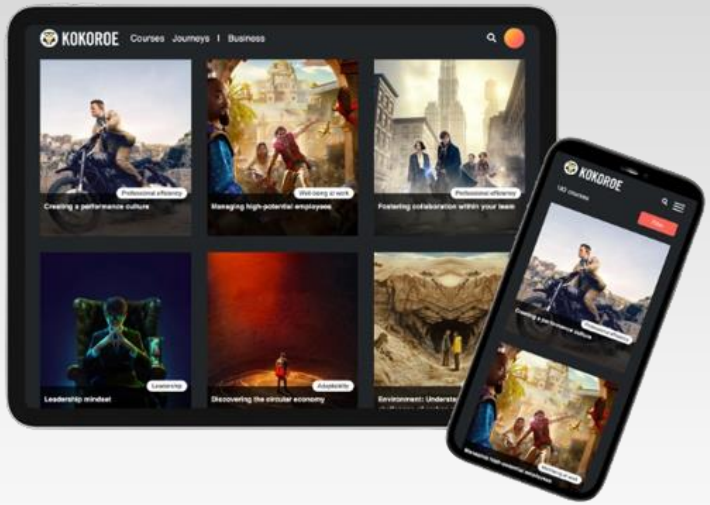
Kokoroe : A training platform for the knowledge of tomorrow

Kokoroe is a platform that offers rapid training to teach learners new skills. This type of tool can bring many advantages to education:

- The training offered by the programmes can have difficulty in adapting to new trends: artificial intelligence, big data… **Kokoroe allows teachers to introduce their students to topics that are not formally covered by the school curriculum. Moreover, the platform offers soft skills** that are highly valued in companies, such as creativity, collaboration, leadership… All these elements **allow schools to stand out** from the crowd.
- **The training format seems to be well adapted** to companies but also to students. A 20-minute training session can be inserted into a course and then discussed in the rest of the hour, which makes the course more stimulating and interactive.
- The quiz at the end of the courses and the certification **gives the students a goal**, which leads to a higher level of involvement. In addition, it allows teachers to know the level of understanding of the class.
- The webinars offered by the start-up allow for a more **in-depth course supplement** with experts in the field.

However, there are a few things to keep in mind:

- Firstly, the price of a subscription seems cheap for one person, but multiplied by the number of learners, **the cost can become high.** A simple solution would be to take a single subscription and transfer the videos to a large screen, but the value of the quiz and certificate is greatly diminished.
- If a teacher asks learners to watch the course at home in order to save time for direct classroom discussion, students who do not have the necessary material will feel excluded. Care must be taken not to **widen the digital divide.**


KOKOROE
Courses
Journeys
Business
Creating a performance culture
Managing high-potential employees
Fostering collaboration within your team
Leadership
Leadership mindset
Adaptability
Discovering the circular economy
Environment: Understa

Atom Learning: A tool that combines revision and exam preparation

Atom Learning is a learning tool that helps students revise and deepen their knowledge. In addition, it allows students to prepare for exams, but also to see their progress and points of improvement.

Type

Learning platform for exam preparation.

Competitive advantage

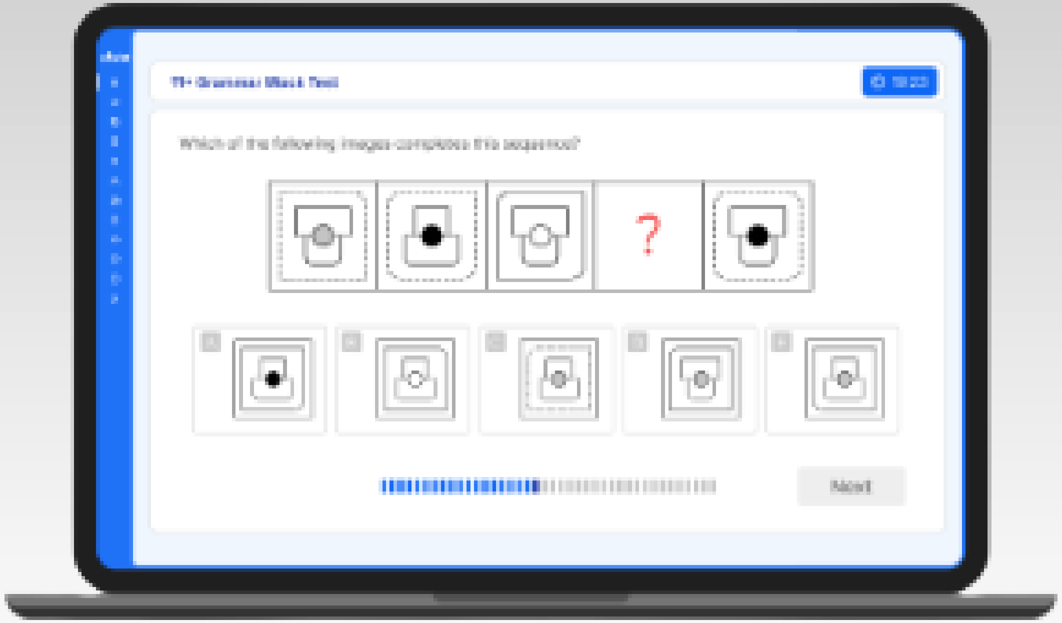
An all-in-one tool to revise and prepare for competitive examinations.

Number of users

The website claims over 25,000 users.

Price

Atom Learning's offer is called "Atom Nucleus" and works on a subscription basis. The full package costs CHF 64.90 (monthly), the subscription without tests CHF 53.20 and the basic programme costs CHF 32. In addition, a free platform is offered for teachers with the Atom Prime package.



Level of development

Atom Learning is a UK-based start-up founded in 2018. In 2021 it raised USD 25 million, allowing it to grow rapidly. Today, the company is endorsed by over 1,000 (present in the UK).

How does it work?

The solution allows you to follow various training courses to acquire knowledge and then take online exams. Based on the results of the various tests, the tool analyses the data and suggests areas for improvement.

Link https://atomlearning.co.uk/

Atom Learning: A tool that combines revision and exam preparation

Advantages :

- Atom Learning makes it possible to prepare for, but above all to familiarise oneself with, the exams from an early age by means of a large amount of practice tests.
- The content is written by teachers to maximise assessment results. In addition, intelligent technology suggests areas for improvement by analysing the results of exercises and tests.
- One of the strengths of the tool is its ease of use. Indeed, Atom Learning has been designed to be highly interactive and intuitive so that it can be used without external assistance.
- Online courses are offered to enable the revision of notions seen in class. They can be held during the school holidays or after school.
- Support for parents is provided through various mechanisms: participation in webinars, advice from the community on a WhatsApp group, sessions with advisors.
- The company also offers a free platform called Atome Prime which is reserved for teachers. It allows teachers to create assignments and lessons in a simplified way, to obtain information based on class data and to adapt the content according to the class level.

UP NEXT
13
3D Shapes
Addition
14
Rounding Numbers
Subtraction

Suitable for :

Kindergarten ★ ★ ★ ★ Elementary School ★ ★ ★ ★ High School ★ ★ University ★

Atom Learning: A tool that combines revision and exam preparation

The platform offers several packages, with one paying for students who want to revise outside school hours (Atom Nucleus) and one free for teachers (Atom Prime).

Atom Nucleus offers a number of advantages:

- Taking and preparing for exams is always a particularly stressful time for learners. With this tool, students can begin to **deal with this type of exercise at an early age.**
- Atom Learning is produced by teachers and approved by numerous schools, which demonstrates its **great credibility.**
- The **accessible and pleasant handling allows** the youngest to use the tool without the supervision of parents or a teacher, allowing them to gain autonomy. Moreover, it is possible for parents and teachers to **check the evolution and progress at any time.**
- The presence of online courses is a real asset for learning. Indeed, it can be difficult to understand a concept with only one teacher and one method. By multiplying these and the type of support, it **becomes easier to understand different courses.** With Atom Learning, **teachers have several supports for their courses.**
- The introduction of **tools that support parents** is also highly appreciated. Webinars, the WhatsApp community and professional contact persons can be invaluable additions.

Despite its undeniable advantages, the platform has two shortcomings:

- The **price of the application is quite high**, with a subscription of CHF 64.90 per month, this represents a significant cost for a family.
- An **additional burden for the learner** can become difficult to manage if parents put a lot of pressure. In addition, this type of product puts a lot of emphasis on results and progress, which can **create additional stress.**

Atom Prime offers a number of benefits:

- The **product is free** if the "test" option is not subscribed to, which is quite remarkable considering the tool's user-friendliness and quality.
- A facility for creating and customising assignments and lessons, which are always in line with the curriculum, **freeing up teachers' time for more qualitative tasks.** In addition, all subjects are taken into account.
- Atom Prime directly integrates the data collected in class to provide analyses. This makes it possible to i**dentify strengths and areas for development**, but also to **visualise pupils who are experiencing difficulties.**
- The use of this type of tool makes it possible to **diversify the forms of learning and to stimulate the pupils.** In addition, exercises can be **adapted according to the needs** of each student, which maximises progress.

However, there are a number of points to be kept in mind:

- Although the free offer has many advantages, it loses some of its added value. This is because the **offer excludes the taking and preparation of exams**, which is regrettable.
- Students who have the paid version at home and who are **familiar with the tool have a strong advantage.**

Pronote : A solution to simplify your (school) life

Pronote is a complete solution for managing school life. Absences, late arrivals, homework, grades, report cards, detentions, canteen attendance, teaching aids... all the information relating to the student's experience at school is centralised and digitised in the solution and shared with those entitled to it. Pronote digitises the diary, the correspondence book and the school reports.

Type

School life management platform.

Competitive advantage

The main advantage of the solution is that it brings together in one device all the functionalities specific to the management of the school life of an institution.

Price

The rates are proportional to the size of the school and therefore to the number of students and teachers it has. Different formulas are proposed according to the number of teachers who use the tool. Prices range from EUR 544 for 30 teachers to EUR 1'000 for an unlimited number of teachers. Optional technical features can drastically increase the budget.

Number of users

The company claims to have equipped more than 10,000 schools. According to the company, 68% of French secondary schools use the solution.

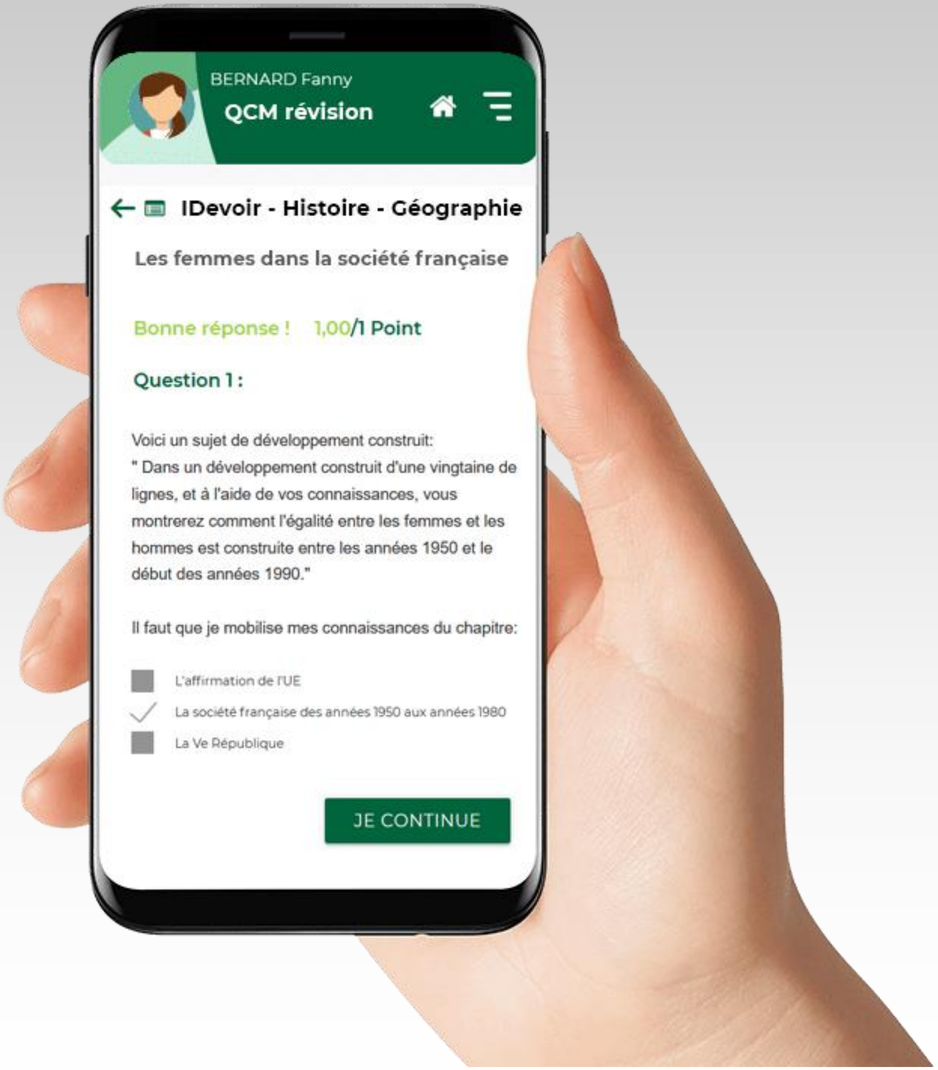
Level of development

The company Index Education, provider of the Pronote solution, was founded in 1992. The first version of Pronote dates from 1999. In 2020, the company's turnover was EUR 21.5 million, to which Pronote contributed almost 30%.

How does it work?

The pronote solution is divided according to users. Several areas coexist (parents, teachers, school life, students, academy) and have their own functionalities.

Link https://urlz.fr/jfUO



BERNARD Fanny

QCM révision

IDevoir - Histoire - Géographie

Les femmes dans la société française

Bonne réponse ! 1,00/1 Point

Question 1 :

Voici un sujet de développement construit:
" Dans un développement construit d'une vingtaine de lignes, et à l'aide de vos connaissances, vous montrerez comment l'égalité entre les femmes et les hommes est construite entre les années 1950 et le début des années 1990."

Il faut que je mobilise mes connaissances du chapitre:

☐ L'affirmation de l'UE
✓ La société française des années 1950 aux années 1980
☐ La Ve République

Pronote : A solution to simplify your (school) life

Advantages

Concerning school life :

- Call sheets and monitoring of absences and lateness.
- Scheduling, management and communication of punishments.
- Development of a digital school file for each student.
- Identification of school dropouts (each school determines its own criteria for dropping out of school based on grades, lateness and absences, while defining specific alert thresholds).
- Management of the number of pupils present at the school canteen and publication of the menu.

Concerning pedagogy :

- Entry of grades, calculation of the average and positioning of each student for an exam.
- Automated and customisable edition of report cards.
- Digital textbook.
- Creation of MCQs.
- Sharing of digital resources.
- Trombinoscope of the class.

Regarding communication :

- Publication of timetables, room reservations, class councils, etc.
- Internal messaging between teachers or between teachers and students.
- Possibility to send SMS or emails from the solution.
- Notification of alerts on the phone and screens of teachers or administrative staff (intrusion, fires, etc.).
- Platform for managing educational content and resources.
- Centralization of work or interview requests.

Regarding the deployment of the solution :

- Accessible from a computer or a smartphone via the mobile application.
- Each functionality is subject to specific customisable authorisations and access.

Convient à :

Kindergarten	★★★★	High School	★★
Elementary School	★★★★	University	★

Pronote : A solution to simplify your (school) life

Pronote is a complete solution for managing school life. By centralising and digitising all information concerning the life of pupils within a school, the solution offers many advantages for schools and teachers:

- **This saves time for school managers and school life staff in carrying out their tasks.** As soon as a pupil is absent or late, the school life service is notified by the teacher in Pronote and a notification is automatically sent to the parents to inform them of the situation. Paper absence sheets no longer need to be collected for each class.

- **Better communication between the school, teachers and parents.** Via Pronote, parents have direct access to the information transmitted by the teachers and the school, thus avoiding any alteration or loss of information. Without a school life software, students are at the centre of the communication between teachers and their parents. Pronote ultimately excludes the student from the communication between parents and teachers. Grades, lateness and sanctions are communicated directly to parents via Pronote.

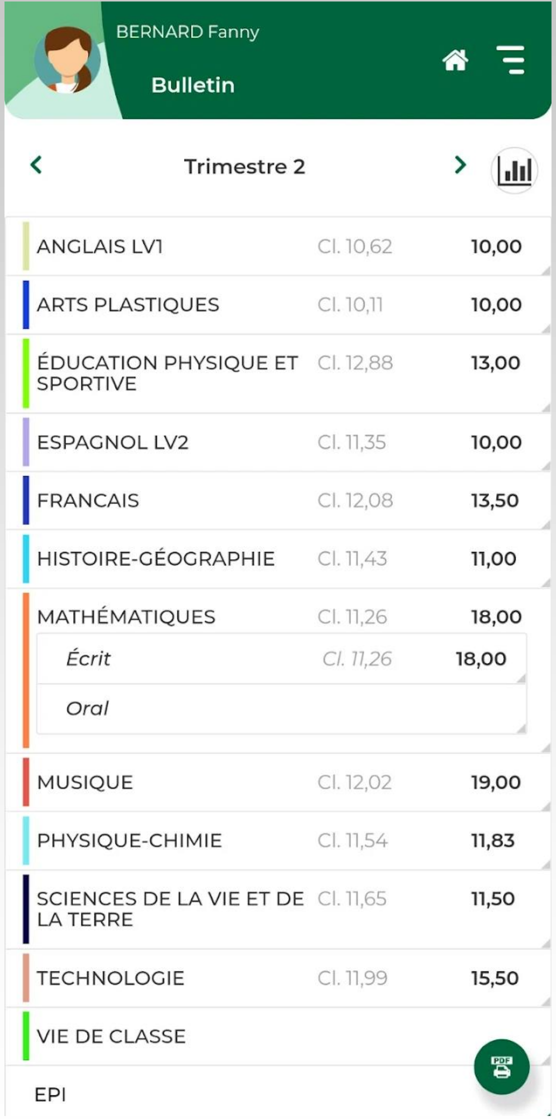
- **Better educational coherence and the fight against dropping out of school**, thereby promoting the attractiveness of a school. Teachers via Pronote have access to all the "statistics" of the pupils concerning their academic results and behaviour in class (absences, lateness, punishment, etc.). Thresholds of alerts that can be personalised by the school are defined on these criteria and alert the teachers when a potential dropout occurs, thus allowing them to rectify the situation as soon as possible.

Although the solution has significant advantages, it also has disadvantages:

- **An inadequate response to the challenge of the digital divide.** Not all teachers, school leaders, pupils and parents are equal in terms of having computer equipment and an Internet connection and the computer skills to use the solution. Those who are less comfortable with digital and IT tools will therefore be excluded from the school life of their pupils. Paper-based alternatives must therefore be maintained and offered should these cases arise.

- **An increase in administrative tasks for teachers.** Paradoxically, the solution was created to reduce administrative tasks and to allow teachers to concentrate on their core business of teaching. However, the traceability required by the solution means that teachers have to note down everything and integrate it into the solution. For example, teachers often have to describe in Pronote the content of the lesson they have given in a class, which did not exist before.

- **This instantaneous nature can be felt as pressure by teachers.** A school's use of Pronote can make immediacy the norm, which can be a source of additional stress for teachers. There is definite pressure from pupils and parents to put educational documents on Pronote very quickly. In addition, parents have direct access to teachers via email and can contact them whenever they wish.



BERNARD Fanny

Bulletin

Trimestre 2

ANGLAIS LV1	Cl. 10,62	10,00
ARTS PLASTIQUES	Cl. 10,11	10,00
ÉDUCATION PHYSIQUE ET SPORTIVE	Cl. 12,88	13,00
ESPAGNOL LV2	Cl. 11,35	10,00
FRANCAIS	Cl. 12,08	13,50
HISTOIRE-GÉOGRAPHIE	Cl. 11,43	11,00
MATHÉMATIQUES	Cl. 11,26	18,00
Écrit	*Cl. 11,26*	18,00
Oral		
MUSIQUE	Cl. 12,02	19,00
PHYSIQUE-CHIMIE	Cl. 11,54	11,83
SCIENCES DE LA VIE ET DE LA TERRE	Cl. 11,65	11,50
TECHNOLOGIE	Cl. 11,99	15,50
VIE DE CLASSE		
EPI		

Padlet: creativity for more interaction

Padlet is a productivity tool as well as a collaborative platform that allows you to create a board and incorporate many elements into it, so creativity is at the heart of this process. In addition, it is possible to significantly increase interaction within a classroom.

Type

Collaborative platform that also allows for increased productivity.

Competitive advantage

The tool makes it possible to put documents online in a secure manner but also to make teaching more horizontal, with greater interactivity between the teacher and the pupils.

Level of development

Padlet is a start-up founded in 2012 in the United States that currently has 36 employees. The company seems mature for a start-up.

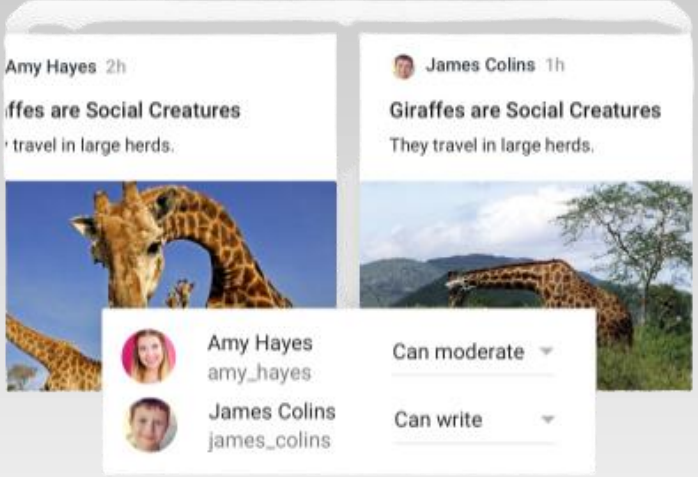
Number of users

No relevant information was found on this subject. However, taking into account its level of development and the number of followers on social networks (78,000 on Twitter), we assume that the company reaches a large customer base.

Price

The price varies according to the number of teachers. For example, an annual subscription for an institution with 1-10 teachers costs USD 1000 per year.

Link https://padlet.com/



Amy Hayes 2h

ffes are Social Creatures

travel in large herds.

James Colins 1h

Giraffes are Social Creatures

They travel in large herds.

Amy Hayes amy_hayes Can moderate

James Colins james_colins Can write

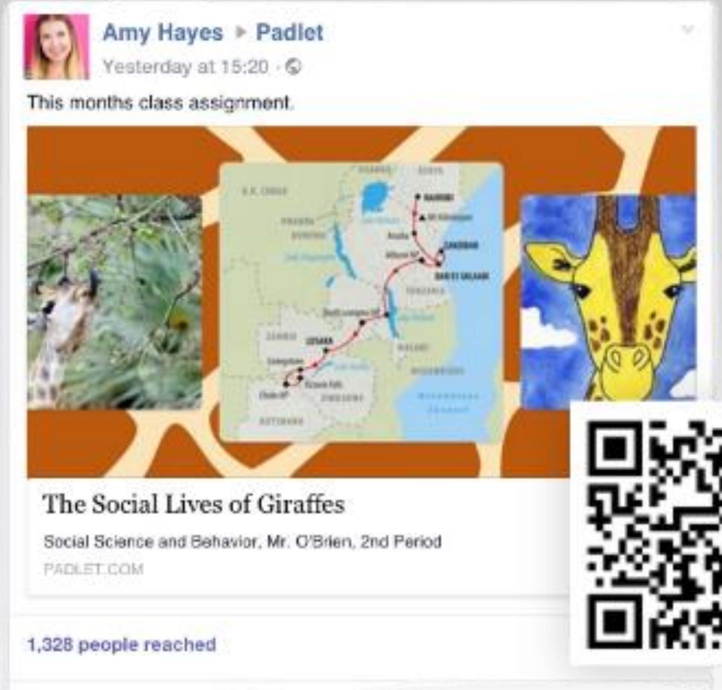
How does it work?

A padlet represents an interactive board, it is possible to create sections, sentences or post content directly on the board. The tool becomes interesting if several users are invited, they can modify the content of the board according to the settings set by the creator. In this way, students can ask questions in writing, upload documents, understand the course flow...

Padlet: creativity for more interaction

Advantages

- The platform stimulates teachers' creativity with the various customisation tools. Indeed, teachers can visually arrange their ideas and documents to increase their productivity.
- The possible interactivity between students within a class, but also with the teacher, allows the creation of a small community and limits the number of vertical-only interactions..
- This type of medium allows for the establishment of thought patterns, many people are able to understand concepts better when it is explained in a visual way. Padlet is perfectly suited for this type of learning.
- The Padlet administrator can choose whether users can edit the documents presented. In addition, It is also possible to define who can access the Padlet.
- The platform is multi-media and can be used on a computer, tablet or smartphone.
- Padlet also allows for greater collaboration between teachers in order to centralise documents on a single platform.



Amy Hayes ▸ Padlet
Yesterday at 15:20 ·

This months class assignment.

The Social Lives of Giraffes

Social Science and Behavior, Mr. O'Brien, 2nd Period

PADLET.COM

1,328 people reached

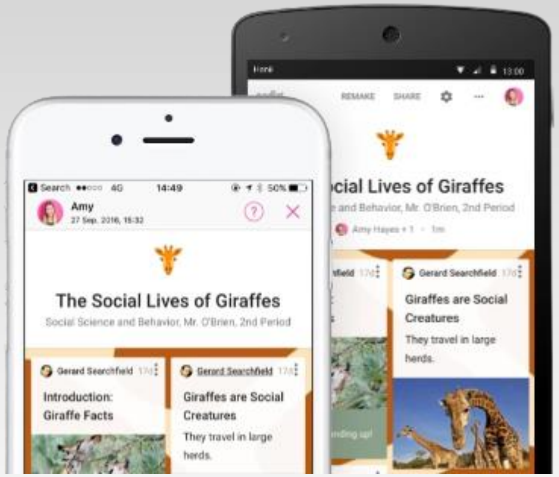
Suitable for :

Kindergarten ★
Elementary School ★★
High School ★★★★
University ★★★

Padlet: creativity for more interaction

The education system is often criticised for being too vertical and lacking interaction. Padlet offers many features to compensate for this problem :

- Numerous functions allow the board to be personalised, thus encouraging creativity. This stimulation increases the motivation of both teachers and students. Indeed, a change of medium can be a real advantage for learning different concepts. This is especially true if learners are allowed to modify the different documents posted online.
- The implementation of this type of tool makes the exchange between the teacher and the students much more interactive. If the teacher puts a document online, the students can ask questions directly on it and then the teacher can answer with a simple sentence or a document that completes the answer.
- Everyone has different ways of learning, some are more visual than others. Padlet allows to emphasize the graphic side but also to **highlight a certain mental scheme in the curriculum.**
- Changing the different permission and user statuses of the board allows better control of the board. A teacher can decide to limit interaction with students so that they cannot modify the documents posted online, and then, if he or she wishes, the teacher can change strategy and make the board more interactive.
- A tool such as Padlet also allows for i**ncreased collaboration between teachers**, which makes it possible to **obtain a multidisciplinary vision** that may be lacking in some programmes. Indeed, having an interactive board with two teachers who can collaborate simultaneously can be very interesting.


The Social Lives of Giraffes
Social Science and Behavior, Mr. O'Brien, 2nd Period
Amy
Gerard Searchfield
Introduction: Giraffe Facts
Giraffes are Social Creatures
They travel in large herds.

However, this solution has certain limitations:

- Once access is granted to students, they can edit, delete and publish whatever they like. If learners start deleting intentionally then the functions have to **be restricted which penalises the whole student body.**
- In order to use this tool, you need at **least a smartphone and an internet connection.** Even if the majority of learners now have these two requirements, **this is not the case for everyone.**
- This tool is designed to be used in class but can easily be used outside of work hours. This can lead to a **disruption of the work-life balance for both the learners and the teacher.**

MONTES ALTI
EDUCATIONAL FOUNDATION
SWITZERLAND

EVOLUTION OF EDTECH BUSINESS MODELS

Prospective monitoring
December 2022

Definition of Edtechs

Methodology

Trends Analysis

Summary of the December 2022 edition

GoGuardian

GoGuardian is a tool for monitoring and protecting various online activities to make the internet safer for learners.

PANORAMA
EDUCATION

Panorama Education is a platform that aggregates student data, measures social-emotional learning, conducts surveys and provides behavioral analysis.

READY Education

Ready Education is a turnkey solution that takes the form of a mobile application to facilitate life on campus and enable better communication between students and the school.

Smartest

Smartest is an application for designing interactive learning modules from documents, such as PDFs or images.

Gimkit

Gimkit is a tool that relies on gamification to increase learner engagement. To achieve this, the solution borrows its format from game shows.

Definition of Edtechs

Definition of Edtech :

The acronym EdTech is short for Educational Technology. **EdTech represents the use of new technologies to facilitate and improve knowledge learning and transmission.**
For example, e-learning provides individual digital teaching instead as an alternative to physically attending classrooms. These "classrooms" and MOOCs (Massive Open Online Courses) are lectures broadcast on the Internet. The LMS (Learning Management System) makes it possible to distribute educational content online, including course. There are also educational robots that capture the attention of young people and support them in their learning.

EdTech provides tailor-made and on-demand services. It revolutionises teaching, making it possible to **design a personalised learning path for students.**

Teachers and schools in general also benefit from these technologies, wich facilitate the sharing of knowledge in collaboration with their students through participatory and pedagogical teaching. In addition, they use these technologies as **online platforms to better organize, control and monitor learning and adapt their teachings to students**. This allows them to provide more relevant and effective services.

Overall, Edtech benefits students and teachers as well as schools by **facilitating administration and communication**. They improve dialogue, education, learning and above all pedagogy.

DISCOVER MONITORING METHODOLOGY

Prospective monitoring - Definition

Overview

Prospective monitoring consists of collecting strategic information in order to anticipate changes in the ecosystem and respond as quickly and appropriately as possible. Prospective monitoring provides support for the implementation of a commercial and technological strategy.

Methodology

An effective method involves regular monitoring and service developments monitoring.
The below steps were taken to carry out the monitoring and illustrate the results:

- Research, analysis and comparison of a dozen innovative offers in the field of Edtech.
- Identification and understanding of the commercial and technological benefits of these results.
- Identification of Edtech trends and innovations. Trends represent market characteristics and developments.

Objectives

For a company or educational institution to compete sustainably competitive it needs to be constantly aware of changes in its market, in order to either limit potential risks or benefit from these changes. This would involve the following:

- Monitor competitive products and service developments.
- Identify and distinguish innovative trends and strategies over the long term.
- Analyse and compare this information with the organisation’s current strategy.
- Evaluate competition and their business strategies through their innovations.
- Carry out a self-evaluation and develop a strategy.
- Find inspiration in business and technological trends.

DISCOVER EDTECH TRENDS ANALYSIS

Edtech trend analysis

Main technological trends

Represent **opportunities or threats** for the various players in the sector

Gamification

Artificial intelligence

Big Data

VR

Publication of the "Education Technology Market by Infrastructure, Systems, Devices, and Solutions 2022 - 2027" report

The report evaluates a wide variety of digital learning environments with an analysis of technologies and solutions, including hardware, software, devices and services. According to the report, more than 70% of all formal education programs will rely on Edtech solutions by 2027. In addition, the global virtual classroom infrastructure market will reach USD 58.9 billion by 2027.

Major developments

BYJU'S

The Indian EdTech that operates on a freenium basis has raised USD 250 million*. The new funding valued the Bengaluru-based startup at USD 22 billion*

The English start-up

blackbullion

*specialized in budgeting raises **GBP 2.5 million** in an oversubscribed funding round shared exclusively with UKTN.*

The learning platform

adda247

*raises **USD 35 million** to enhance its technology and product profile.*

Pixaera

*has just raised about **EUR 5.7 million** to make learning more immersive through VR.*

GoGuardian : A tool for monitoring and managing online classes

GoGuardian is an online activity protection and monitoring tool to make the internet safer for learners.

Type

Tool for protecting and monitoring online activities.

Competitive advantage

GoGuardian makes it possible to filter the content available on the internet, but also to communicate directly with students.

Price

Pricing depends depending on the size of the institution and the number of users. According to Reddit posts the price is between USD 7 (CHF 6.92) and 13.5 (CHF 13.35) per user.

Nombre d'utilisateurs

According to the website, GoGuardian claims to have over 22 million students using the solution, over 10'000 schools and 500'000 educators, mostly in the United States.

Level of development

GoGuardian is a startup founded in 2014 in Los Angeles, California. In January 2015, the Los Angeles Unified School District (LAUSD) selected GoGuardian to support its device deployment program to 661,000 students. In May 2018, the startup was acquired by private equity firm Sumeru Equity Partners. It is now a recognized company in the education sector.

How does it work ?

The solution is installed on all the students' computers, which allows teachers to filter the different online activities. The teacher can also view the learner's computer screen in real time, suggest links, talk directly with an online chat... The tool also allows to set up videoconferences in a simplified way.

Link https://www.goguardian.com/

GoGuardian: A tool for monitoring and managing online classes

Features:

- The solution offers more or less precise **filters in order to limit distractions as much as possible, but also to ban unwanted content**. Teachers can set these filters to block or make accessible certain sites.

- GoGuardian implements an **instant screen-sharing system**, which allows teachers to supervise various student activities. This way, they can advise them on their learning by giving advice or sending more specific links. The teacher has the ability to close the students' window when necessary.

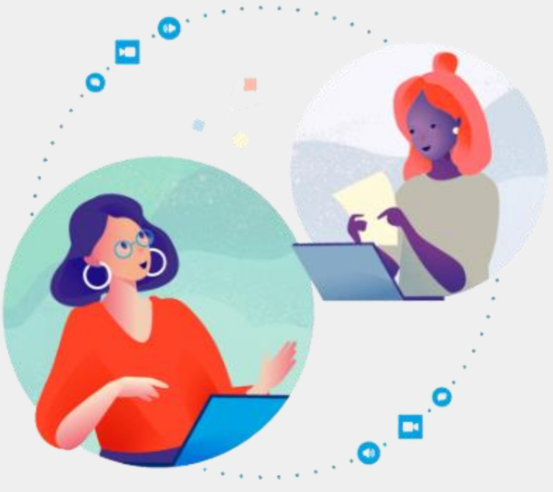
- **Instant messaging** is constantly open to increase communication and interaction between the learners and the teacher. But also to facilitate remote work.

- The tool integrates a "**security" feature** that alerts the designated staff in case the online activities present a risk of danger to others or the individual (depression, suicide...).

- The **ergonomics of the product** is well thought out with a real-time view of all students and the possibility to manage digital resources for the class or for each individual.

- The solution offers a **detailed report of student browsing activity** to teachers from the class sessions.

- A **video conferencing system** includes interesting options such as recording of presentations.



Kindergarten ★★★	High School ⭐⭐⭐
Elementary School ⭐★★	University and school ⭐⭐★

GoGuardian: A tool for monitoring and managing online classes

The Covid-19 pandemic has forced teachers, institutions, but also students to adapt to online courses. This phenomenon has reinforced the implementation of computers in education. For this reason, GoGuardian offers the following advantages :

- **The implementation of filters allows limiting access to different websites and applications.** This way, learners are **less distracted**, and **protection** against malicious content is increased. This feature is a **time-saver for teachers**, but also a way for schools to reassure parents.
- The availability of a permanent **instant messaging** system **improves interactions between teachers and learners.** This tool coupled with the ability to directly observe the user's window can **improve teacher responsiveness** and better understand student questions.
- GoGuardian is a tool that can be used for both **video conferencing and face-to-face classes. This allows for greater flexibility** for the institution, teachers and learners.
- **The detailed reporting of internet** research **activity as well as the "safety" feature can detect distressing situations** among students. The institution to put in place certain measures as soon as this type of behavior is detected (parent-teacher meeting, internal psychologist...).
- The implementation of an **interface with all the screens of the class** allows to get an **overall view.** Thus, the teacher can control the progress of the different tasks.

However, this tool has two negative points:

- The **feeling of always being controlled** and monitored by a teacher can become oppressive for students. In this type of situation, they might put in place different stratagems in order to avoid being monitored. This would be counterproductive for learning and teachers.
- It is important that all students have a digital tool and more specifically a computer. To avoid **increasing inequalities,** the school should lend the equipment. If the school does not have computer equipment, the acquisition of computers represents a significant cost.

Education Panorama: Data for schools and teachers

Panorama Education is a comprehensive platform that aggregates student data, measures social-emotional learning, conducts surveys and provides behavioral analysis.

Type

All-in-one platform that gathers qualitative and quantitative information about an institution.

Competitive advantage

The solution saves time by consolidating student data and offers the implementation of surveys and socio-emotional learning.

Price

The price is variable and no precise information has been found on this subject. In an interview with EducationWeek, the CEO of Panorama Education indicated a price range of USD 500 (CHF 495) to 3000 (CHF 2969).

Number of users

According to the site, Panorama Education serves more than 15 million students in 25,000 schools, 2,000 districts and 50 states, primarily in the United States.

Level of development

As we can see on LinkedIn, the startup is founded in 2012, it has between 200 and 500 employees in 2022. It is now a mature start-up that has raised USD 60 million in 2021.

How does it work ?

The platform centralizes the data of all the students in order to understand the evolution and better identify any weaknesses. The solution also allows to better understand the socio-emotional learning of the students with questionnaires. In addition, surveys are offered for students, family members, teachers and staff.

PANORAMA STUDENT SURVEY
Q.1
Q.2
Q.3
أي
á

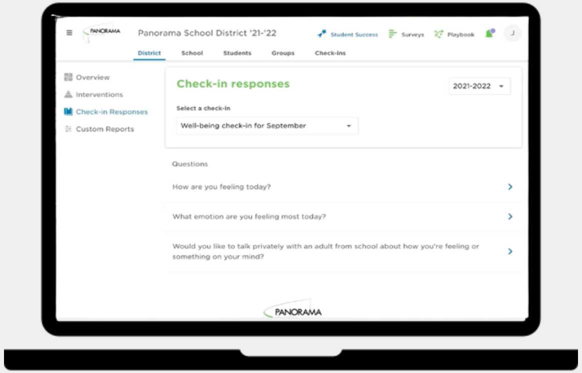
Link https://www.panoramaed.com/

PANORAMA
EDUCATION

Education Panorama: Data for schools and teachers

Features:

- The tool **aims to save time by centralizing all the data** to facilitate the analysis of academic results, but also those of the students' behavior.
- By analyzing the various learner data, the platform allows educators to **indicate the risk level of each student, ranging from "critical" to "on track".**
- The **solution offers surveys** to measure students' social-emotional learning. This way, the organization can plan more specific interventions.
- Panorama Education offers several surveys to **collect the opinions and comments of all the stakeholders of a school**, it is possible to compare the results obtained with other schools to consider ways of improving and making the school more attractive.
- The **availability of the analyses with a timeline** makes it possible to observe trends and to prevent and reduce undesirable behavior. Positive behaviors can also be promoted.


PANORAMA
Panorama School District '21-'22
Student Success
Surveys
Playbook
J
District
School
Students
Groups
Check-ins
Overview
Interventions
Check-in Responses
Custom Reports
2021-2022
PANORAMA

Check-in responses

Select a check-in: Well-being check-in for September

Questions

How are you feeling today?

What emotion are you feeling most today?

Would you like to talk privately with an adult from school about how you're feeling or something on your mind?

Kindergarten ★★★	High School ⭐⭐⭐
Elementary School ⭐★★	University and school ⭐★★

Education Panorama: Data for schools and teachers

Panorama Education is a comprehensive tool that has real advantages for a school and its stakeholders :

- It is difficult for a school to know how well its students are doing. This is also true for all stakeholders. The solution proposes the **implementation of different surveys** to know the satisfaction on four domains: students, general school climate, teachers and staff, family. With these different surveys, the school can **realize its strengths and weaknesses.** With a large database, **the school can compare itself to others** and try to improve by analyzing the data. The implementation of Panorama Education demonstrates a real ambition for **improvement on the part of a school**, it also allows **for an increase in influence** if the school is well ranked.

- The tool allows teachers to be **more efficient** with an easy-to-use platform that provides a global view of each student. The solution does not only take into account the academic results, but also **learner behavior.** This way, if a student exhibits undesirable behavior during a class, all teachers can be informed, which represents a **considerable time saving.**

- The analysis of the data, whether it is the academic results or the behavior**, helps to prevent risky behaviors in a preventive way** (harassment, dropping out…). It is a security for the teachers, the students, the school, but also the parents.

- The use of this type of tool allows for the **visualization of the results in a chronological way**, if a new project is set up or if a teacher is replaced, it is much easier to see **the evolution.**

However, you have to be careful on some points :

- First of all, a tool like this can become a new norm with the comparison system between different schools. The schools coming from privileged backgrounds will put forward their score and attract the best students, which produces a virtuous circle. But the flip side of this is that Panorama Education **can accentuate preexisting social differences between schools.**

- The fact that all teachers can see a student's behavior across all subjects can **create misconceptions.** Indeed, if a student has misbehaved in a class because of a dispute with a teacher, this **can affect the subjectivity of all teachers.**

Ready Education: digital technology at the service of universities

READY Education

Ready Education is a turnkey solution that takes the form of a mobile application to facilitate life on campus and enable better communication between students and their schools.

Type

Application to manage campus life as well as school life.

Competitive advantage

A solution that strengthens the involvement of students in university school life.

Price

No relevant information was found. The price depends on the size of the establishment.

Number of users

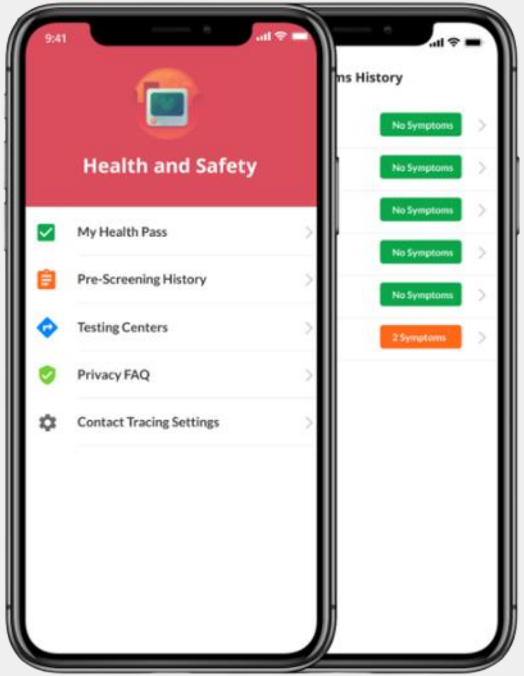
According to the site, the platform claims over 7 million users as well as over 715 institutions in several countries.

Level of development

The startup was founded in 2012 in Montreal, Canada. It is now mature with a number of employees between 51 and 200.

How does it work ?

Ready Education is a platform that centralizes all student life and campus information on a single channel. In this way, students can directly access in real time (via an application) their timetable, emails, notes, messages…

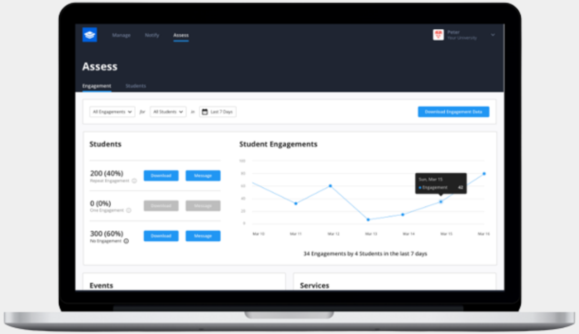

9:41
Health and Safety
My Health Pass
Pre-Screening History
Testing Centers
Privacy FAQ
Contact Tracing Settings
ns History
No Symptoms
No Symptoms
No Symptoms
No Symptoms
No Symptoms
2 Symptoms

Link https://www.readyeducation.com/

Ready Education: digital technology at the service of universities

Features:

- The **centralization of the different elements of school life** (grades, schedule, absences, finances…) allows the school to save a lot of time and costs.
- The **different contents of the application are adjusted in real time**, the school can directly notify the students concerned when a schedule changes or if a teacher is absent.
- Different statistics are proposed by the solution to **know the contents that generate the most commitment from students**. The institution can therefore learn from these statistics to highlight content that makes people react.
- The **application is customizable and it is possible to broadcast relevant information** according to the type of users selected. Groups can be created for future students, but also for those who have already graduated.
- Ready Education does not replace everything that already exists within an institution. In fact, the **application can be grafted onto the various services present** in the system, notably social networks and other internal information flows that are directly incorporated into the solution.


Manage
Notify
Assess
Assess
Engagement
Students
Download Engagement Data
Students
Student Engagements
200 (40%)
Download
Message
0 (0%)
300 (60%)
34 Engagements by 4 Students in the last 7 days
Events
Services

Kindergarten ★★★

High School ⭐★★

Elementary School ★★★

University and school ⭐⭐⭐

Ready Education: digital technology at the service of universities

It can be difficult for a school to communicate directly with students. Ready Education is a solution that has many advantages to overcome this problem:

- It can be complicated for new students to become **familiar with multiple communication channels.** Indeed, many institutions offer an email address to communicate with professors, an application for the schedule, another for documents and exercises. Ready Education **centralizes all of these functions**, which makes communication between students and teachers much easier. It also becomes easier for students to see the schedule, the exams, justify absences… **If students are more involved**, then the dropout and catch-up rate should decrease. This decrease can **contribute to the influence of universities and schools.**

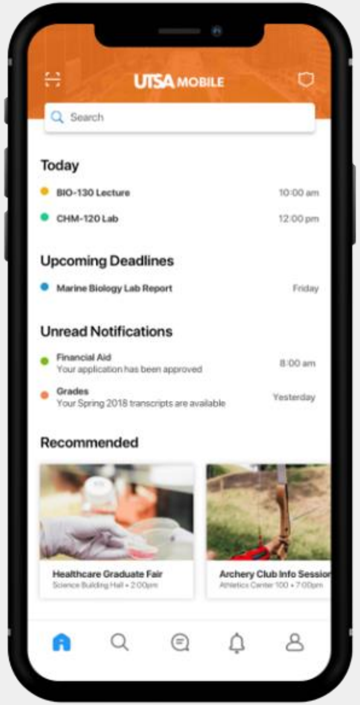
- By centralizing all the information, the solution helps to **reduce administrative costs.** Moreover, this cost reduction is accompanied by considerable time saving**.**

- It is complicated to know if a content appeals to students, but with the various statistics offered by the platform, it is **possible to know the different trends on engagement** in order to better understand certain situations. Moreover, with time, the content can be **more and more relevant.**

- The **availability of different resources** directly on the platform, but also the ability to **differentiate each group of users** is one of the main strengths of the solution. Indeed, it allows to prospect for future students, but also to create a **network with an alumni group.** We can therefore imagine 3 different groups with different contents: a group of future students where the content would be focused on student parties, associative activities… A group composed of current students with job offers, good deals, accommodation… And finally a group of alumni with professional experiences, jobs, feedbacks. Moreover, all this is **accompanied by different statistics** in order to know which content makes the most reaction according to the groups.

Despite the undeniable advantages, the solution may have one major flaw:

- With the implementation of this solution, one has to be careful **not to aggravate the numerical divides** between different students. Indeed, **not all students own a smartphone**, especially students from **less privileged countries.**


UTSA MOBILE
Search
Today
BIO-130 Lecture
10:00 am
CHM-120 Lab
12:00 pm
Upcoming Deadlines
Marine Biology Lab Report
Friday
Unread Notifications
Financial Aid
Your application has been approved
8:00 am
Grades
Your Spring 2018 transcripts are available
Yesterday
Recommended
Healthcare Graduate Fair
Science Building Hall • 2:00pm
Archery Club Info Session
Athletics Center 100 • 7:00pm

Smartest: create and share with ease

Smartest is an application for designing interactive learning modules from documents, such as PDFs or images. This solution uses artificial intelligence to make the creation process much faster.

Type

Learning module design tool.

Competitive advantage

The solution is a time-saving way to create and share modules or learning materials such as courses, revision documents or exams.

Price

No relevant information was found on this subject.

Number of users

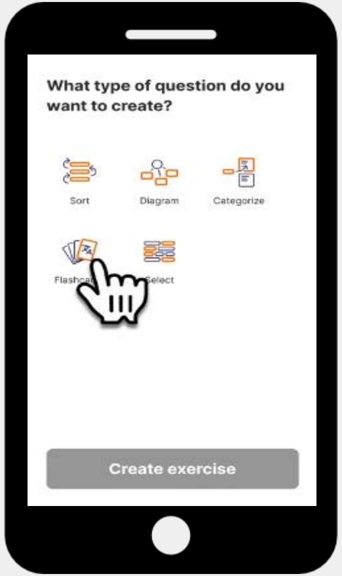
According to Smartest's website, the solution is offered in various educational institutions in Switzerland, including schools and gymnasiums. However, the exact number of users is not communicated.

Level of development

Smartest Learning was founded in 2019 in Zurich and is part of the InnoSuisse program and a member of the Swiss EdTech Collider. In 2020, the start-up received a funding of CHF 850'000 to develop new features and stimulate its growth. It currently has less than 10 employees.

How does it work ?

The solution allows you to design lessons using already existing documents. You just have to scan a document with your phone or have it in digital format so that the artificial intelligence can propose a learning exercise. The latter can take several forms such as a text with holes, a map of countries...



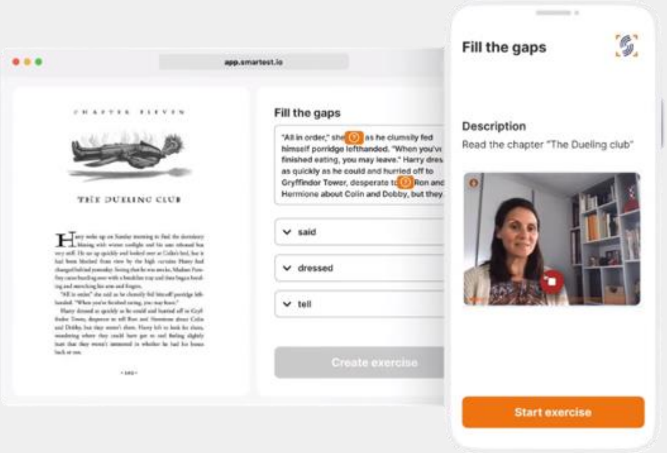
What type of question do you want to create?

Link https://smartest.io/fr/

Smartest: create and share with ease

Features:

- The solution allows you to **create content from materials already used by teachers**. It is the solution that adapts to the teacher and not the other way around.
- The use of **artificial intelligence aims to save time**. In fact, all you have to do is scan a document or give one in digital format and Smartets will automatically propose fun content.
- It is possible to **share the different tests** between users. This feature can be particularly useful for teachers to avoid duplicating work.
- It is possible to **incorporate audio on the platform**. A course can be delivered entirely with Smartest by integrating a video, an audio, a text, an exercise and finally a test.
- The solution is **multiplatform**, it can be used on a smartphone, a tablet or a computer.
- This type of tool **diversifies the content offered in the classroom**, which can stimulate learners' learning.
- With greater **simplicity in taking quizzes and exams**, it becomes easier to monitor learners' learning.
- The solution is **available for virtually all subjects**. Teachers and students do not need to change the method or tool every time.



"All in order," she as he clumsily fed
himself porridge lefthanded. "When you'v
finished eating, you may leave." Harry dres
as quickly as he could and hurried off to
Gryffindor Tower, desperate t Ron and
Hermione about Colin and Dobby, but they

Read the chapter "The Dueling club"

Kindergarten ★★★	High School ⭐⭐⭐
Elementary School ⭐⭐★	University and school ⭐⭐★

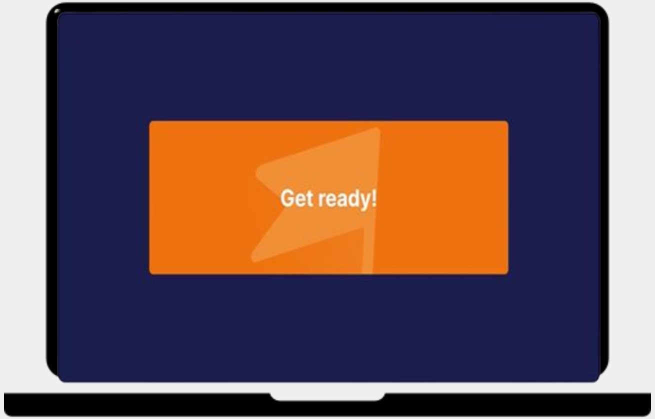
Smartest: create and share with ease

Smartest is a tool that facilitates the work of teachers by simplifying the content creation process. It has many advantages for students and teachers:

- The solution **saves a lot of time** on content creation and more specifically on small knowledge checks. Indeed, the teacher only needs to have a digital document for Smartest to propose content. **This allows the teacher to focus on more qualitative tasks** to improve student learning.
- It is possible to set up an entire chapter, with **different formats** like videos, audios, text and questions. A teacher can start with an introduction where they film themselves, then a YouTube video to give context, a text to analyze, and finally a series of questions to find out the level of understanding. **More diversity in the type of content can stimulate student learning.** One of the strengths of this strategy is that materials come in one single format which avoids disorienting the learner.
- The solution offers live quizzes with the names of the different participants, which helps to **better understand the points that require more explanation, but also the students who are struggling.**
- The tool is **available for most subjects**, which makes it accessible to all teachers. In this way, teachers can share their experiences and will naturally give advice so that the technology can be adapted by as many people as possible. Furthermore, it is possible to exchange the different documents created in order to save even more time.

Although it has more than enough features, the solution has some limitations:

- It is regrettable that Smartest does not develop more the **community aspect**, such as messaging or forums, which could be a real asset, especially with **content sharing.** Indeed, if all teachers could share their lessons, tests, quizzes, then there would be an **increase in creativity, but also a considerable saving of time.**
- The solution can be used for classes composed of **relatively young learners.** Care must be taken not to overexpose students to screens so as not to develop a dependency and a delay in other areas (reading, writing…). In addition, heavy eye strain can lead to ophthalmological problems.



Gimkit: A game show to stimulate learning

Gimkit is a tool that relies on gamification in order to increase learners' engagement. To do so, the solution borrows its format from game shows.

Type

A tool that stimulates learning by using the principle of game shows.

Competitive advantage

A game with an easy grip that helps stimulate the learners' learning.

Price

Several offers are available depending on the number of teachers who use it. The simple version for use by one single teacher is CHF 60 for one year, another version at CHF 650 for 20 teachers and finally an unlimited version which costs CHF 1000 per year.

Number of users

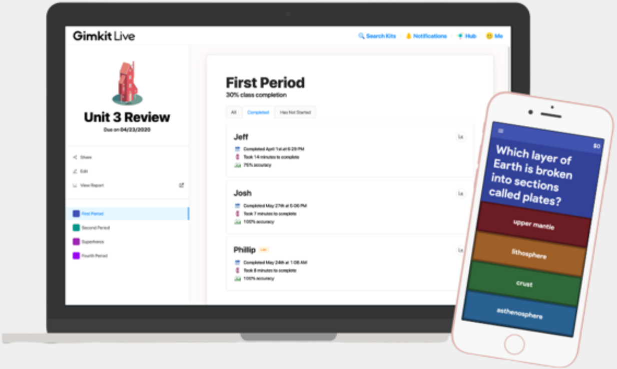
No relevant information was found on this subject.

Level of development

Gimkit is a startup founded in 2018 in the US that currently has 4 employees. The level of development seems advanced considering the interface and the different features the solution offers.

How does it work ?

Using Gimkit, it is possible for the teacher to create a "kit" with all the students, which corresponds to a TV set. Once the students are connected to the platform, the quiz can start and the students answer question by question. Each correct answer gives virtual money that allows them to buy items such as themes, bonuses...

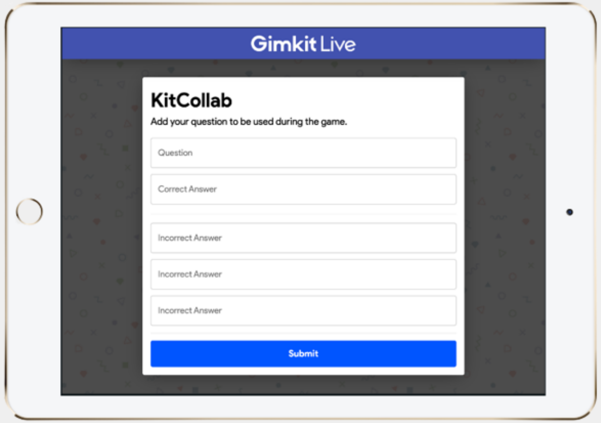

Gimkit Live
Unit 3 Review
First Period
30% class completion
Jeff
Josh
Phillip
Which layer of Earth is broken into sections called plates?
upper mantle
lithosphere
crust
asthenosphere

Link https://www.gimkit.com/

Gimkit: A game show to stimulate learning

Features:

- The implementation of Gimkit allows to take the **characteristics of a game show** in order to stimulate the learners, while asking questions previously written by the teacher.
- The solution offers **different game modes in order to increase the engagement rate**. The "classic" mode is an individual competition, the "team" mode allows to create groups of students who will compete against each other, the "floor is lava" mode gathers the learners around a common goal.
- It is possible to use the tool to **design homework assignments** in the form of a questionnaire. The solution can also be used as an evaluation tool, even if this is not its primary objective.
- Gimkit helps to **know the level of cohesion in a class**, but also to reinforce it with different game modes.
- The platform is **supported by several platforms** that allow learners to use it on smartphone, tablet and computer.
- The **ease of use of the tool**, which does not require special computer skills, is a strong point, making it within the reach of every teacher and student. Moreover, it works with a questionnaire which makes it usable for all subjects.
- It is possible for teachers to **share their quizzes on the platform**, and for other users to download the games proposed by other teachers. This represents a time saving for the entire teaching staff.



KitCollab

Add your question to be used during the game.

Kindergarten	★★★	High School	⭐⭐⭐
Elementary School	⭐⭐★	University and school	⭐⭐★

Gimkit: A game show to stimulate learning

Gimkit relies on classroom gamification to increase learner engagement. The solution has definite advantages :

- It can be difficult for a new class to break the ice, especially for students entering a new cycle. This is also true for teachers. **Implementing a class-wide game can create greater cohesion from day one.** The solution can help even the most shy students better integrate**.** In addition, the quiz questions provide a way to **see how much each student has learned.**

- The change in educational practices allows for **greater student involvement.** Indeed, by **diversifying the materials**, teachers stimulate the learners. This is especially true since the solution offers several game modes. Moreover, **it allows to foster interaction between students and the teacher** so that the course is not only perceived vertically.

- Gimkit's gaming mechanisms such as the monetization system give students **extra motivation** to do their homework and master the curriculum. One can imagine that the student who has the most monetary value in the game can win a "prize" in the real world such as a treat or an extra point on an assignment for their involvement.

- The solution allows for homework assignments to be set up. This allows to **check in a playful way** (in the form of a quiz) if they are well done and if the different notions are well understood.

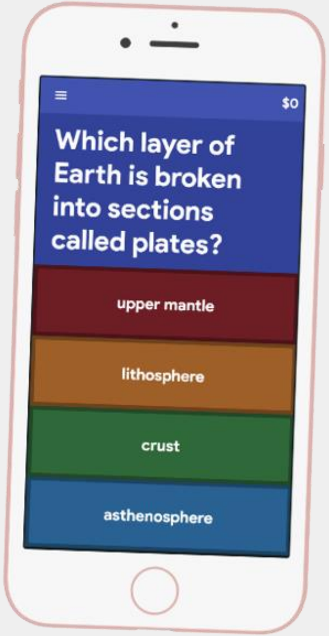
- The "**sharing" function of the platform encourages teachers to share their questions and thus their own quizzes** with all users. It is also possible to find published content via a search bar, which saves time and **efficiency for teachers.**

However, this solution has some limitations :

- As explained above, this learning method can reinforce class cohesion, especially with students who do not know each other. However, the opposite effect is also possible with students who have **difficulty socializing and are excluded from the class.**

- For this solution to be used optimally, each student must have either a smartphone or a computer. **This can facilitate the stigmatization of students** who do not have access to digital tools. It is always possible for the institution to purchase the equipment, but this represents an **additional cost.**

- Finally, it is important to limit the use of this type of tool. Indeed, students are already very busy with the screen all day long. This type of solution **must be implemented sparingly.**


Which layer of Earth is broken into sections called plates?