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#### What's New (04/22/2016) :

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- Graphic analysis of answers (3.6 My history)
- API (5. Access to the «Big Data» API)



## Configuration / Pre-requisites

Je lève la main	Operating system	Available on
 Tablet / Smartphone	 iPhone/Ipad    Android	 App Store    Google Play
 Computer / Tablet / Smartphone	 From your web browser	 <a href="http://webapp.jelevelamain.fr/">http://webapp.jelevelamain.fr/</a>

## Get started « Je Lève La Main »

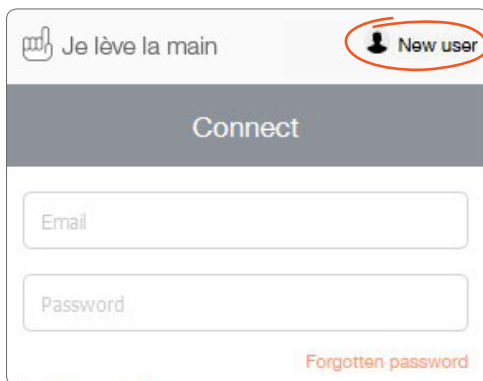
**From your web browser**

⚠ Only the **application button** allows you to return to the previous page. The browser back button takes you out of the application.

**Careful**

"Back" will exit you from application. Confirm ?

No    Yes



Je lève la main

**New user**

Connect

Email

Password

Forgotten password

I create my account


Password

Confirm your password

PHOTO

Select your picture

**Capture your picture**




You have a camera or webcam on your device? You can take directly a picture!

**Confirm your inscription**

Once registered, you have to **validate your account**.

Order to do, we send you an email in which you have to click a **confirmation link**.

If you have not received the confirmation email, remember to check that it is not in **your spam**.

tryphon.tournesol@gmail.com

Password

Forgotten password

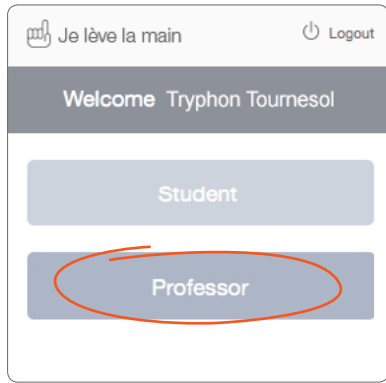
Remember

**Login**



Once validated my account, I can connect.

# Professor functionality



**Update my plan**

<p>Interagir</p> <p>Participants : 10</p> <p>Choisir</p>	<p>Amphi</p> <p>Participants : 200</p> <p>Choisir</p>
--	---

The plan can be changed whenever you like

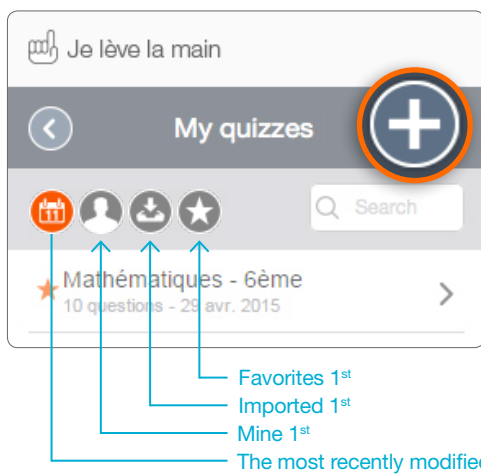


Refer  
3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7



3.1

## I manage my quizzes

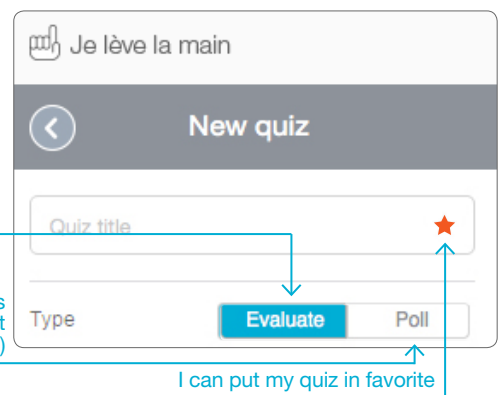


I create a new quiz

I check the acquisition of knowledge

I retrieve personal opinions (surveys, votes, market studies or opinions)

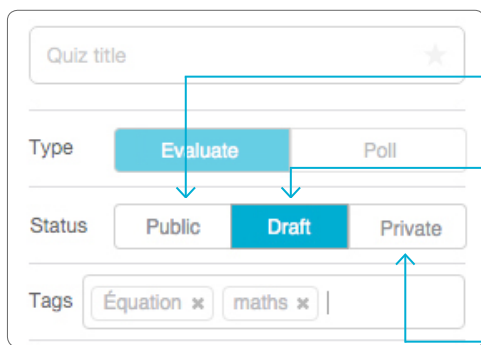
Favorites 1<sup>st</sup>  
Imported 1<sup>st</sup>  
Mine 1<sup>st</sup>  
The most recently modified



I can put my quiz in favorite



The Survey functions works on a sampling ranging from some people to hundreds of thousands of people.



Available for everyone on the "Quiz Portal"

The quiz can't be given to the students.

The quiz is not downloadable by other users.

**Tags**

**2 tags per quiz minimum.**

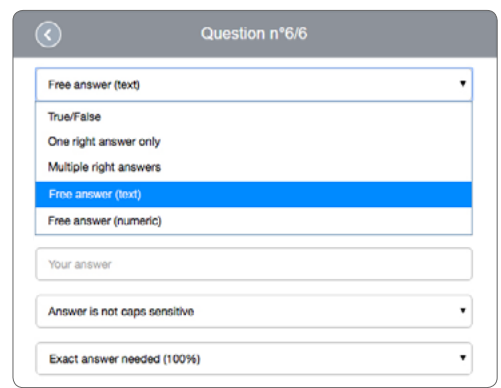
Tags are an easy way to sort and categorize available quizzes on the «Quiz Portal».

For example, if a teacher creates an algebra-quiz for his or her CM2 students, the teacher can fill in the Tags field with the following terms: Mathematics, Algebra, CM2.



I create new questions

I modify my questions



To modify the order of questions, click (Modify) and drag and drop the question at the desired place.

## Free answer

- If free answer numeric

You can set a **percentage error** in the answer given by the student

For example, the teacher asks the question: What is the value of  $\pi$ ? The expected response is «3.14». He chose the «almost exact answer (95%).» Only student responses between 2,983 and 3,297 will be considered as correct answers.

- If free answer text

You can take into account **whether or not the case** of the answer.

For example, the teacher asks the question: What is the capital of Australia? The expected response is «Canberra». If he chooses to consider the case, the student must then comply with the upper and lower case in its response. The only correct answer will be «Canberra». The response of the student will be considered false if he responds «canberra».

You can also set a percentage error for textual responses to tolerate, for example a spelling mistake.

«Je Lève La Main» analyzes the textual proximity of the student's answer and the correct answer. This function is currently experimental.

I can add media to the question being asked: image, video, document, sound.

The screenshot shows the 'Je lève la main' interface. At the top, there is a header with a hand icon and the text 'Je lève la main'. Below this is a dark grey bar with a back arrow and the text 'Add a media'. Underneath, there are five grey buttons with icons and text: 'Add an image' (image icon), 'Add a document (pdf)' (document icon), 'Add a video' (video icon), 'Add a YouTube video' (YouTube icon), and 'Add a sound' (speaker icon).

The image question interface shows a 3D anatomical diagram of a human heart. A line points from a question mark to the aorta. Below the diagram, the text reads 'Quel est son nom ?'. There are two buttons: 'Crosse aortique' and 'Tronc pulmonaire'.

«Image» question (formats accepted: JPEG/PNG)

Applications: science topics, technology, geography, art history, driving schools...

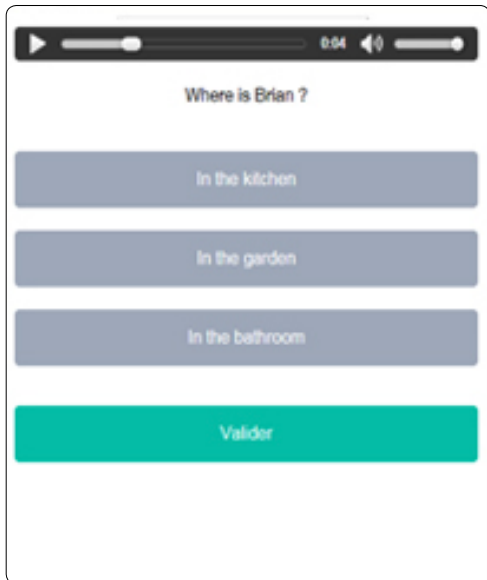
The document question interface shows a document with a mathematical statement in French: 'Pour tout réel  $x \in [0, 1[$ , il existe une unique suite  $(a_n)$  à valeurs dans  $\{0, \dots, 9\}$  telle que  $x = \sum_{n \geq 1} a_n 10^{-n}$ .' Below the document, there are two buttons: 'True / false' and 'TRUE' and 'FALSE'.

«Document» question (format accepted: pdf)

Applications: science topics, others...



Only the 1<sup>st</sup> page of the document will be visible



«Sound» question (format accepted: .mp3)

Ask participants a question orally, verify understanding of a text that was read.

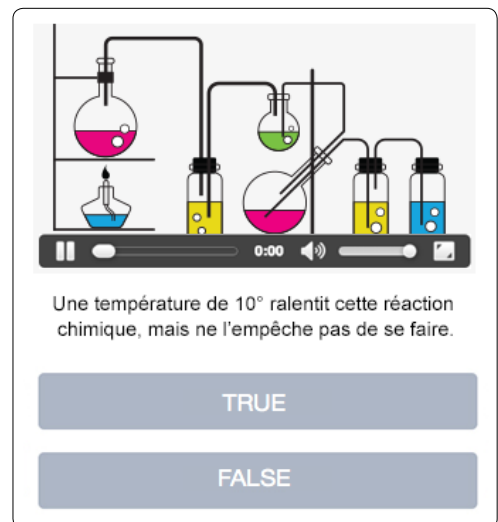
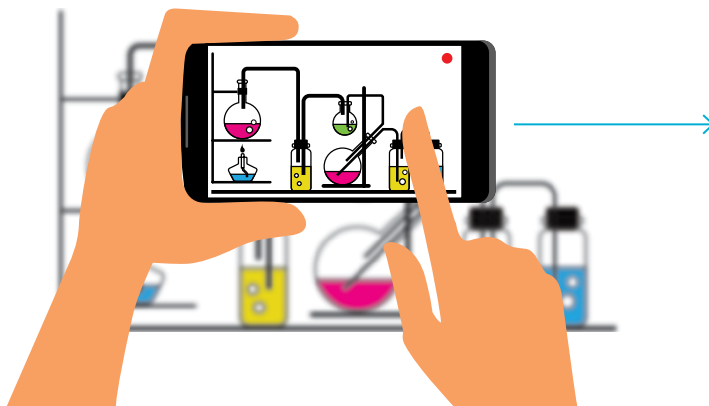
Applications: language courses, music courses, others...



«Video» question (formats accepted: .mp4 / .mov)

Illustrate a quiz with a video of my material or a YouTube video.

Applications: language courses, driving schools, others...



Save directly with your smartphone or tablet.



### 3.2

## Quiz portal

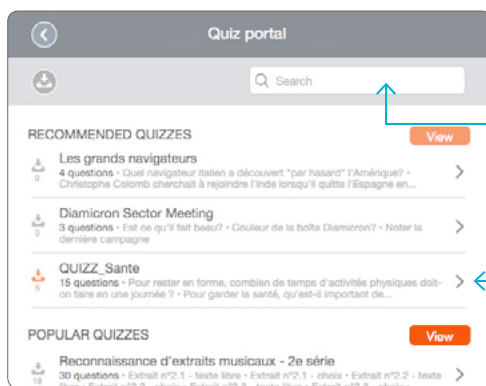
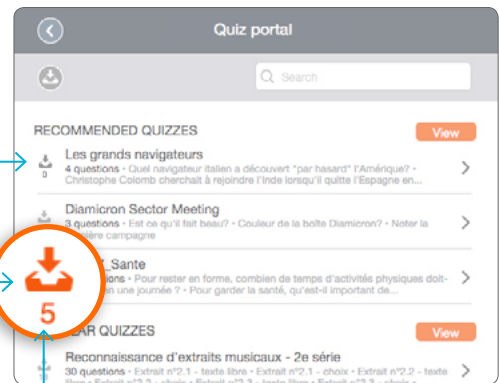
The **quiz portal**, created collaboratively, assembles all of the quizzes created in «I Raise My Hand».

A powerful **recommendation engine** was developed and provides the best quizzes according to your area of activity and the quizzes that you've already used.

To import the quiz, click on the gray icon.

The quiz is downloaded and accessible via the Menu

Number of people who have downloaded the quiz.



Help finding the most relevant quizzes according to your search request.

I can see the whole quiz: questions-answers.



Display quiz tags



### 3.3

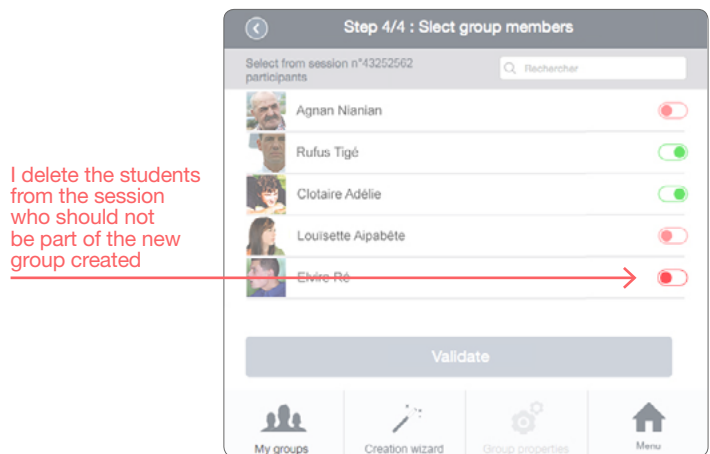
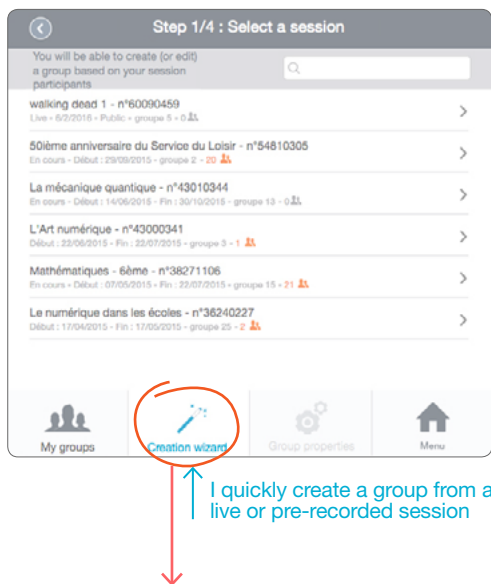
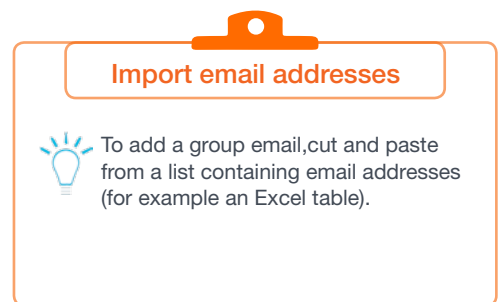
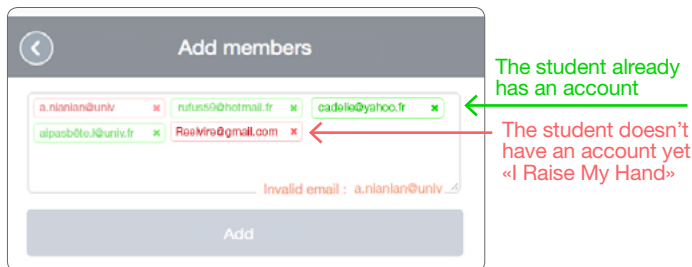
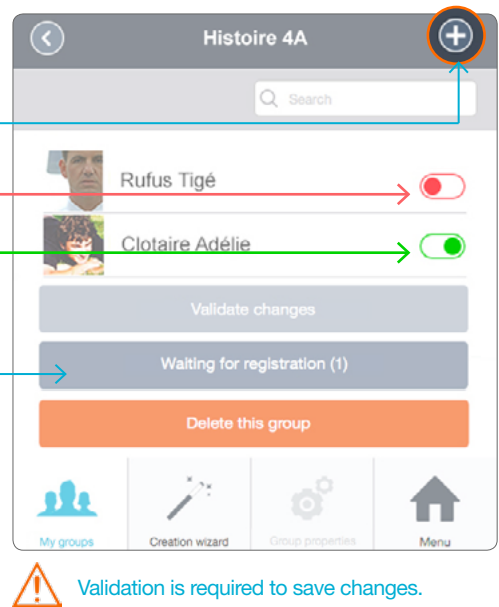
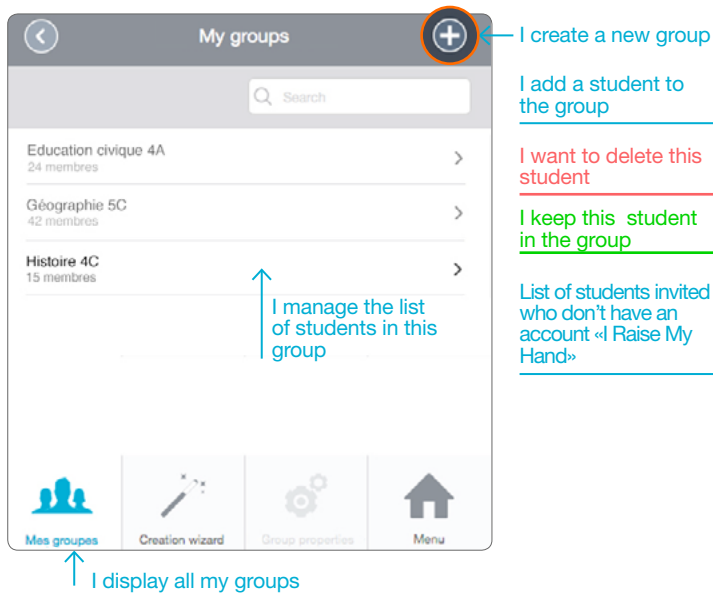
## I manage my groups

The «I Raise My Hand» application allows you to create groups of students in order to **facilitate management of all your classes**.

This function gives you the option of **restricting access to either live or pre-recorded sessions** to a single group.

Create your own groups using your students' email addresses:

- The students who already have an account on «I Raise My Hand» will be automatically added to the group.
- Students who do not have an account will receive a registration email for the application. They will be added to the group as soon as they have validated their registration.



**Quick creation of a group**

You can create or add to a group students who have already participated in a session.

This is very useful if you have to create a group of several students or if you don't have the email addresses of your students, but they have already participated in one of your sessions.

Create a new group
Complete an existing group



### 3.4

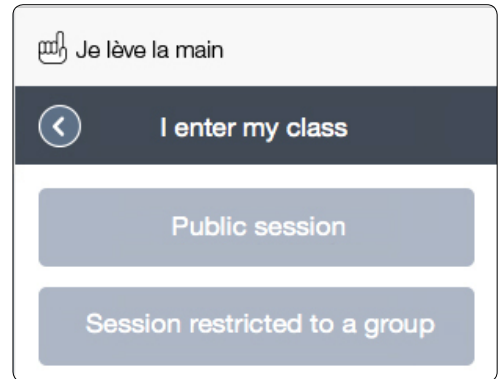
### I enter my class

#### 3.4.1

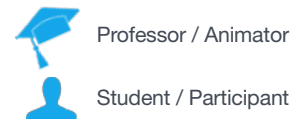
#### Session restricted to a group

The « **Public Session** » function lets every user in «I Raise My Hand» access the session as soon as he or she has the corresponding number.

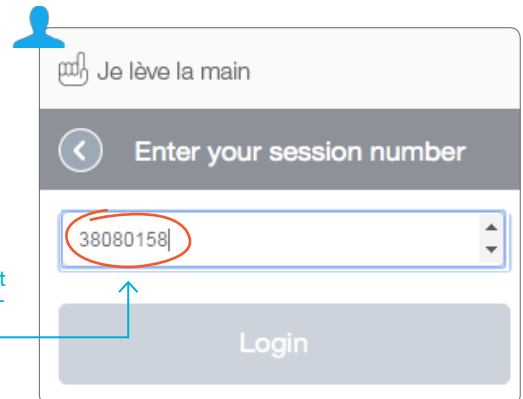
The « **Session restricted to a group** » function lets you **restrict access to the session to a determined group**. Only students who are part of the group that you have selected will be able to access the session.



#### Public session

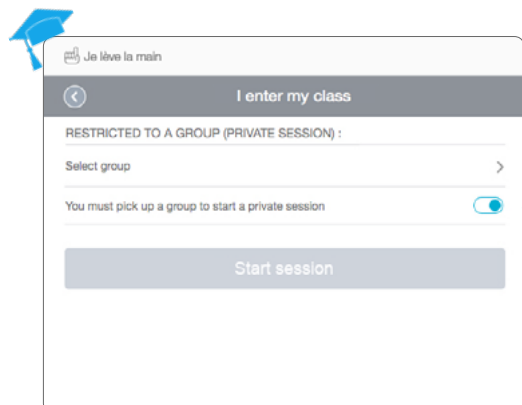


I communicate the session number to participants



The participant enters the session number

#### Session restricted to a group



By activating this option, all the students in the group chosen, will receive an email that indicates the number of the session



Course of a session

80%

Look 26 online students

Look Answers received : 21 (80%)

Look Answers not received : 5 (20%)

Look at the answers

I follow in real time the progress of the quiz

Le nom complet de Pablo Picasso est Pablo Ruiz Picasso ?

TRUE

FALSE

Answer received.

Je lève la main

19 person

Agnan Nianian

Rufus Tigé

Clotaire Adélie

Louïsette Aipabète

Elvire Ré

Clarisse Toubon

I can see online participants, those who spoke and those who have not responded

Le nom complet de Pablo Picasso est Pablo Ruiz Picasso ?

TRUE

FALSE

Answer received.

TRUE

FALSE

Launch

Quiz list Live Running Allow Quit

I ask a live question during the class

TRUE

FALSE

Confirm

Profile Raise your hand Quit

Look at the answers

They raise their hands (lower hands)

Louïsette Aipabète

Quiz list Live Running Allow Quit

Louïsette Aipabète « raise your hand »

« lower hands » after having answered questions

0.20 / 2.30 / 3.55 / 4.70

Confirm

Profile Raise your hand Quit

Enable « Allow » to allow students to raise their hands during the class  
I access my session details



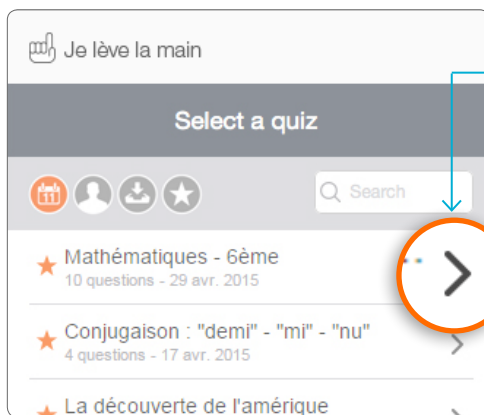
## Smart Management of Groups

When you leave a public session, if the group of student quizzes shows **similarities (more than 80%)** with one of your saved groups, the application will ask you **to add to this group** the additional students who participated in the session.



3.5

## I manage my on-demand sessions

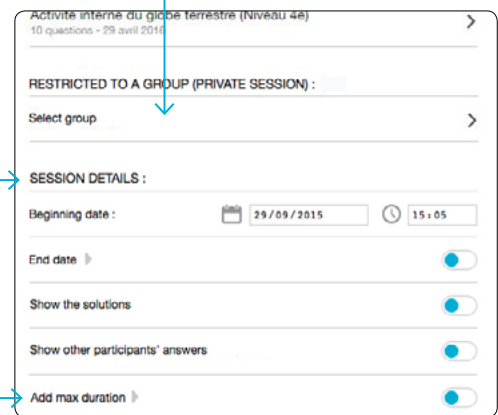


I access my session details

I manage my on-demand sessions

Maximum time that students have to answer the quiz

I can choose a group



When you have created a pre-recorded session, you will receive an email with the information about your session (session number)

## Confidentiality of responses

- **Post the good answer**

If you **enable** the «**Show the solutions**» students who responded to the quiz can view the correct answers in their history. If you **disable** this function, **students do not have access to the right answers.**

This function is very useful if you want to use the same quiz to different classes. Students will not share good answers to other students.

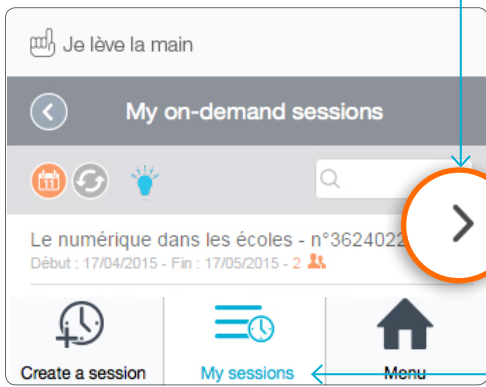
- **Post the answer of the other participants**

If you **enable** «**Show other participants' answers**» students who responded to the quiz can view responses from other students in their history.

For reasons of confidentiality, students only see the results as a percentage of other students.

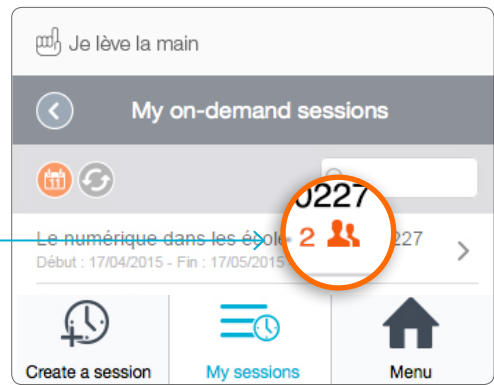
See chapter 4.2, page 14, student screen views

I modify the configuration of a session (even if it is in progress)

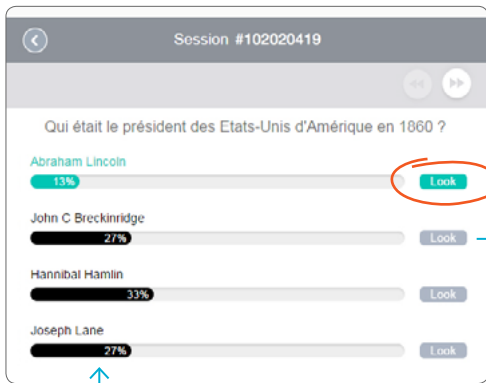


Results my session deferred

All of my sessions deferred

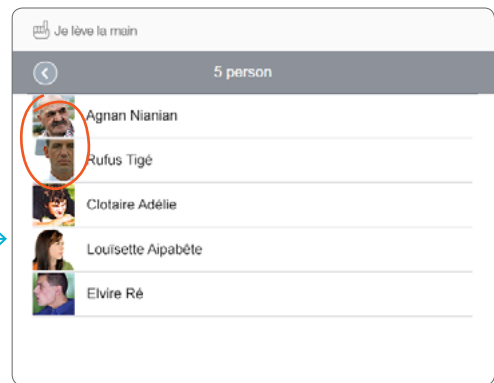


I decide to pin up all my sessions or only my current sessions.



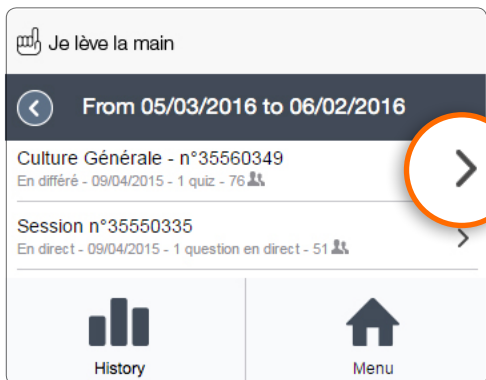
Who answered what?

Statistics answers



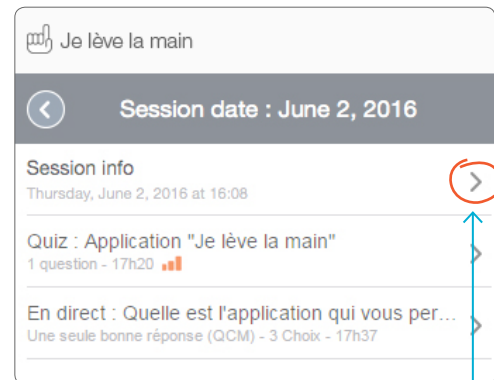
3.6

## My history



I access my session details

I consult the history of my sessions conducted during a given period



I found all the information from my session

Abraham Lincoln  
13% Look

John C Breckinridge  
27% Look

Hannibal Hamlin  
33% Look

Joseph Lane  
27% Look

# students who did not answer (1)

I can see the students who gave this response

I see the details of the answers given by the students

Je lève la main

4 person

Agnan Nianian

Rufus Tigé

Clotaire Adélie

Historique de la session (format Excel)

Summary of the results (% good and bad answers per question)

Session n°389712110  
Style figures / Declaration - February 23, 2015

In the overflight of the cell  $\sqrt{2}$  is an unreasonable number?

Questions (5)	Q1	Q2	Q3	Q4	Q5	# Correct	# False	# Unanswered	# Classification
Correct	15%	12%	0%	39%	10%				
Incorrect	44%	85%	85%	39%	78%				
Unanswered	41%	3%	15%	23%	12%				
<b>Bonne réponse</b>	<b>10</b>	<b>Ebeam</b>	<b>55"   65"   84"</b>	<b>VRAI</b>	<b>40 000</b>				
Yannick Noah		rome	45"   60"   74"	VRAI	30 000	1	3	1	7
Zinedine Zidane	0	Chaussure	45"   74"	VRAI		1	3	1	7
Mimi Mathy		potomac de terre	55"   60"   74"		30 000	0	3	2	25
Dany Boon		Ebeam	45"   55"   74"	FAUX	50 000	1	3	1	7
Michel Sardou	10	rome			40 000	2	1	2	2
Gad Elmaleh	-25	Ebeam	60"	FAUX		1	3	1	7
Jean Dujardin		potomac de terre		VRAI	30 000	1	2	2	7
Charles Aznavour		orange	45"   60"   74"		50 000	0	3	2	25
Florence Foresti		rome	55"   65"	VRAI	30 000	1	3	1	7
Jean2 Beno		Ebeam	45"   60"   74"	FAUX	50 000	1	2	1	7

Red: wrong answer  
Blue: correct answer

Number of good and false answers for Jack

Classification of Jack

### Graph analysis of answers

You have the possibility to view the answers of the students in your session or your quiz.


The results are represented in the form of bar graphs or curves.

All results of the session are accessible in graphic form


I see the results of a quiz in graphic form

Je lève la main

Session date : June 2, 2016

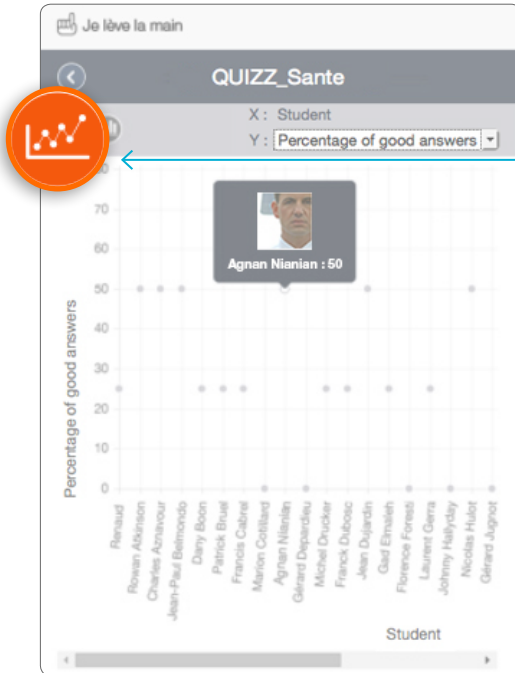
Session info 

lundi 4 janvier 2016 à 17:16

Quiz : Suites Arithmétiques 

7 questions - 17:11

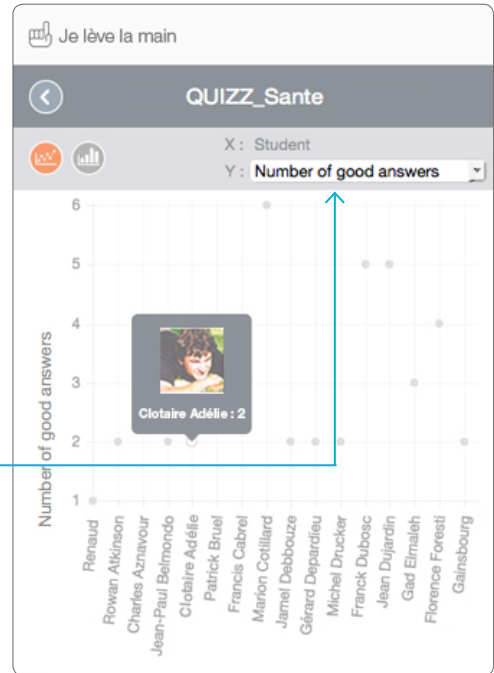
Student performance (in percentage)



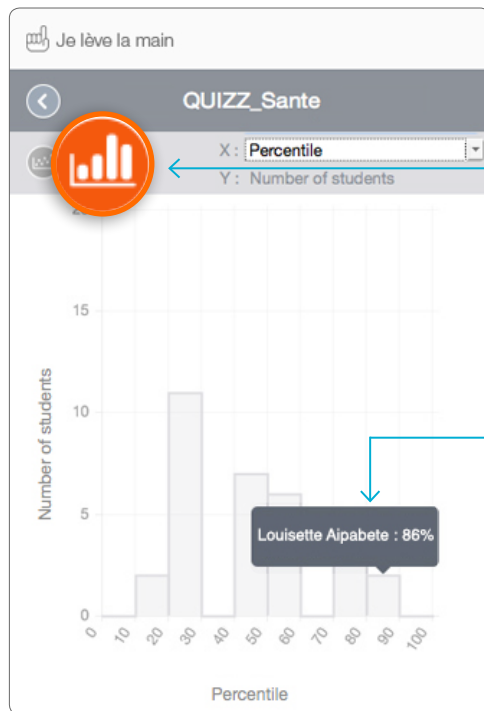
I display the results in the form of a curve

I adjust the Y axis (Number / percentage of correct answers or percentile)

Performance of students (number of correct answers)



Summary of results (in percentile)

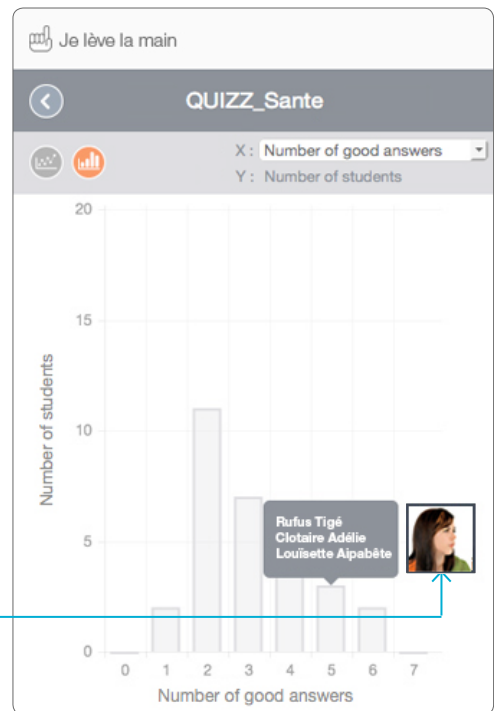


I display the results in the form of a bar graph

I display the results in percentile. In our case, 86% of students have obtained a result that is lower than the result obtained by Louisette Aipabète

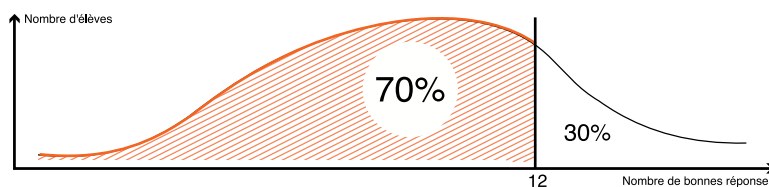
I click on the name of the student to display his or her profile photo

Summary of the results (number of correct answers)



### What is a percentile?

The percentile corresponds to the percentage of students who have obtained results below a given value.



In this case, 70% of persons gave 12 or fewer than 12 correct answers.



3.7

### I change my profile

**PASSWORD**


Password

Confirm your password

**PHOTO**

Select your picture

Capture your picture



I change my password

I change my plan

Capture your picture

Confirm changes

CURRENT PLAN : ILLIMITED

Expiration : Friday, December 31, 9999

Max number of attendants per session : 9999

Update my plan

4

## Student Functionality

Je lève la main Logout

Welcome Albert Einstein

Student

Professor

Je lève la main

Welcome into Je Leve La Main

Refer 4.1

4.2

4.3

Enter a session

My history

Change my profile

4.1

### Rejoindre une session

Je lève la main

Enter your session number

38080158

Login

I joined a live or differed session thanks to the number provided by the professor

«I raise my hand» during the course

0.20 / 2.30 / 3.55 / 4.70

Confirm

Profile Raise your hand Quit

Live Session

Rufus Tigé 00:04:38

Comment appelle t-on le mélange de gaz et de roche en fusion ?

Saisir du texte

Confirm

Previous question Next question Quit

Time remaining to answer all the quiz questions (if this option is chosen by the teacher)

I'm leaving the quiz permanently. I can't go back in even if I haven't answered all the questions.

Pre-recorded Session



My history

From 05/04/2016 to 06/03/2016

Session n°38150200  
En direct - 05/05/2015 - 1 👤

Session n°38110408  
En direct - 04/05/2015 - 1 question en direct - 2 👤

My history Menu

I found the sessions I attended

**Case 1:** The teacher did not allow the posting of good answers nor the answers of other participants.

At the conclusion of quiz, the participant sees only his own answers.

Total confidentiality of results is guaranteed. A quiz can be played several times, participants do not have access to the right answers, nor access to other answers.

Show the solutions

Show other participants' answers

Trouvez la fraction qui correspond au nombre suivant : 0.365

365/10

365/100

365/1000

My answer only

**Case 2:** The teacher allowed the posting of good answers.

At the conclusion of quiz, the participant sees the right answers.

As part of an evaluation, this option allows the participant to see their mistakes and so to progress. He has no access to the answers of other participants.

Show the solutions

Show other participants' answers

Trouvez la fraction qui correspond au nombre suivant : 0.365

365/10

365/100

365/1000

✗

✗

✓

My answer

The good answer

**Case 3:** The teacher allowed the posting of good answers of other participants.

At the conclusion of quiz, the participant sees the answers of others.

Results are posted as an average. The participants can know who answered what.

Show the solutions

Show other participants' answers

Trouvez la fraction qui correspond au nombre suivant : 0.365

365/10 20%

365/100 80%

365/1000 0%

My answer

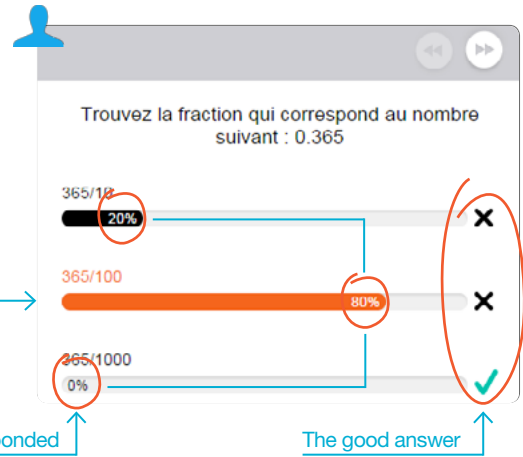
What others responded

**Case 4:** The teacher allowed the posting of good answers and the answers of other participants.

At the conclusion of quiz, the participants see the good answers and the answers of other participants.

Show the solutions

Show other participants' answers



### 4.3


#### Change my profile


**PASSWORD**

Password

Confirm your password

**PHOTO**

Select your picture 

Capture your picture 

I change my password

## 5

### Connection lost

Jo lève la main 

Le risque chimique (5/7)

Rufus Tigé

Que signifie ce pictogramme ? Cochez les bonnes réponses.

You have lost your Internet connection.

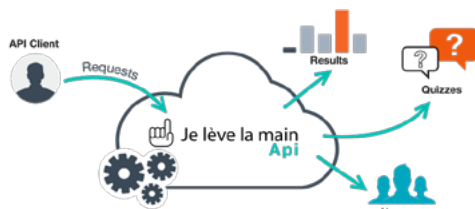
#### Back up your answers

When the Internet connection is restored, open the application and your answers will be automatically sent. You will receive a confirmation by email.

Your answers are not lost. They are saved in the application. You can continue answer the questions (pre-recorded sessions).

## 6

### Access to the «Big Data» API



If you want to integrate data from «I Raise My Hand» in your application, consult the instructions for the «I Raise My Hand» API.

<http://developers.jelevelamain.fr/>