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The Future of innovation in smart learning

How to reshape Learning and advance Productivity and Sustainability using Technology

Mohammad Almadani
CEO – Classera Inc.

“The first step in teaching students to innovate is making sure that educators have opportunities to be innovators themselves.”

Suzie Boss, Education consultant

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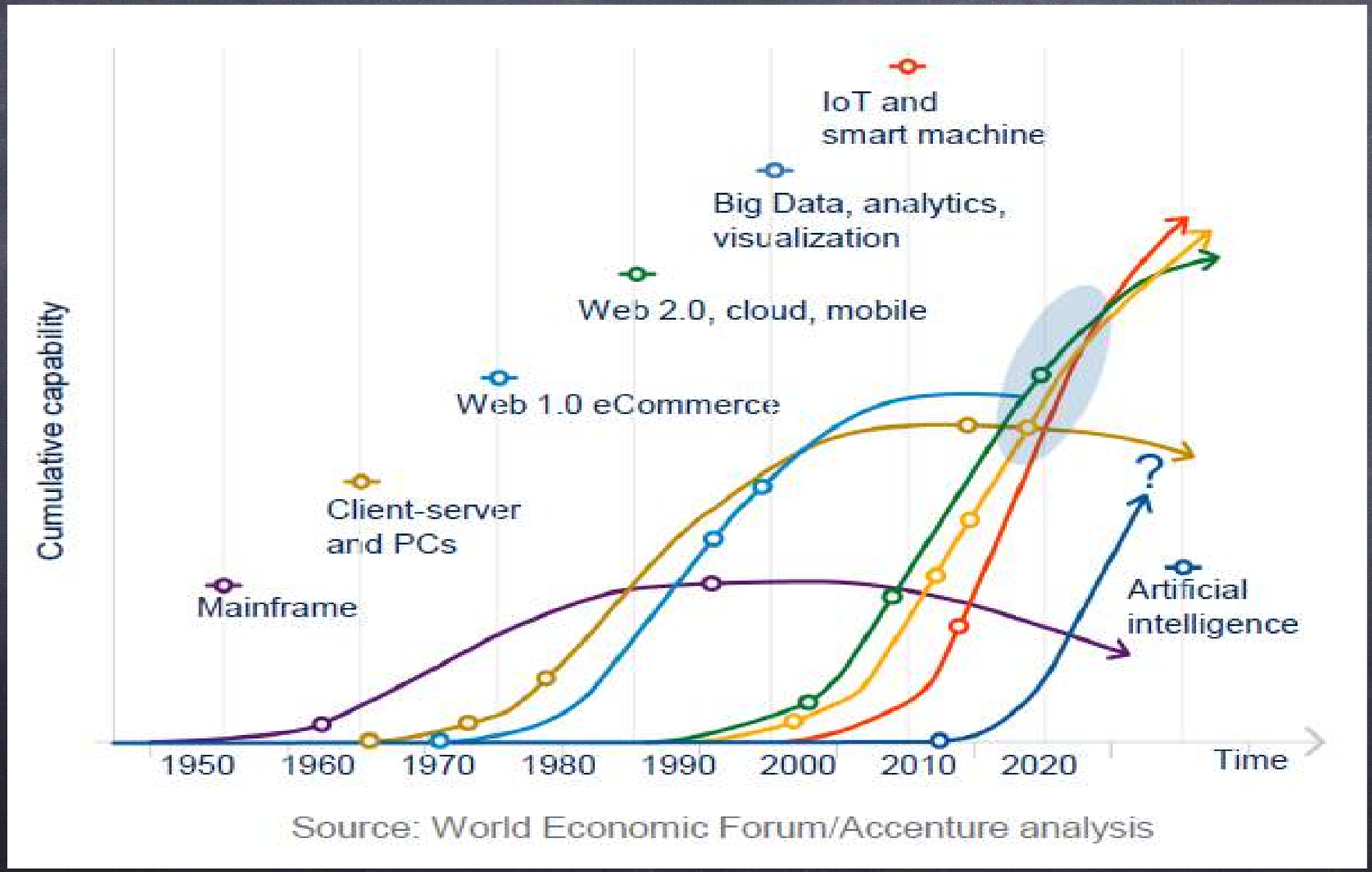
The Combinatorial Effects of Technology are Accelerating Change



Moving to the 21st Century

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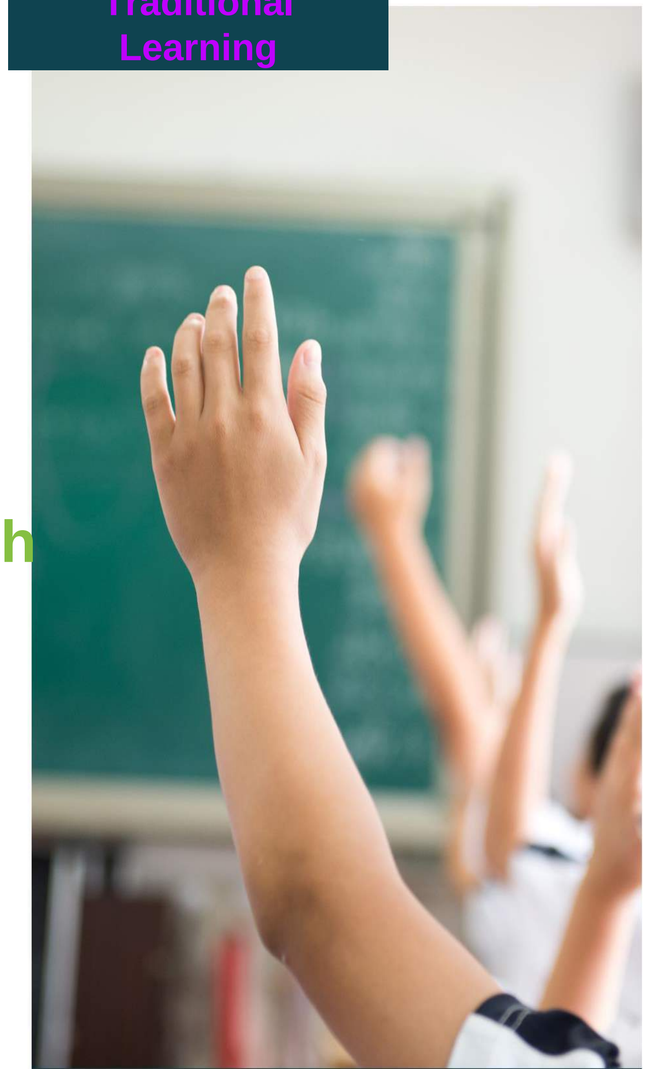
- Integration.
- Schooling.
- Knowing.
- Traditional Content.
- Learning Tech Skills.

Traditional Learning



21st Century Learning

- Transformation.
- Lifelong Learning.
- Understanding.
- interactive Content
- Developing 21st Century Skills

bett AWARDS 2017 WINNER

THE LEARNING AWARDS 2018 WINNER BRONZE

GESS EDUCATION AWARDS WINNER 2018

Technology based innovative learning Objectives

- Customization and individualization for each learner
- Democratization of access, content and tools
- Instant access to learning martials & sharing.
- Solve the Place and Time indifference
- Elimination of routine tasks in learning
- New evaluation methods.

Smart Exams
Interactive Contents
Virtual Lesson
AR & VR
E-Questions Bank
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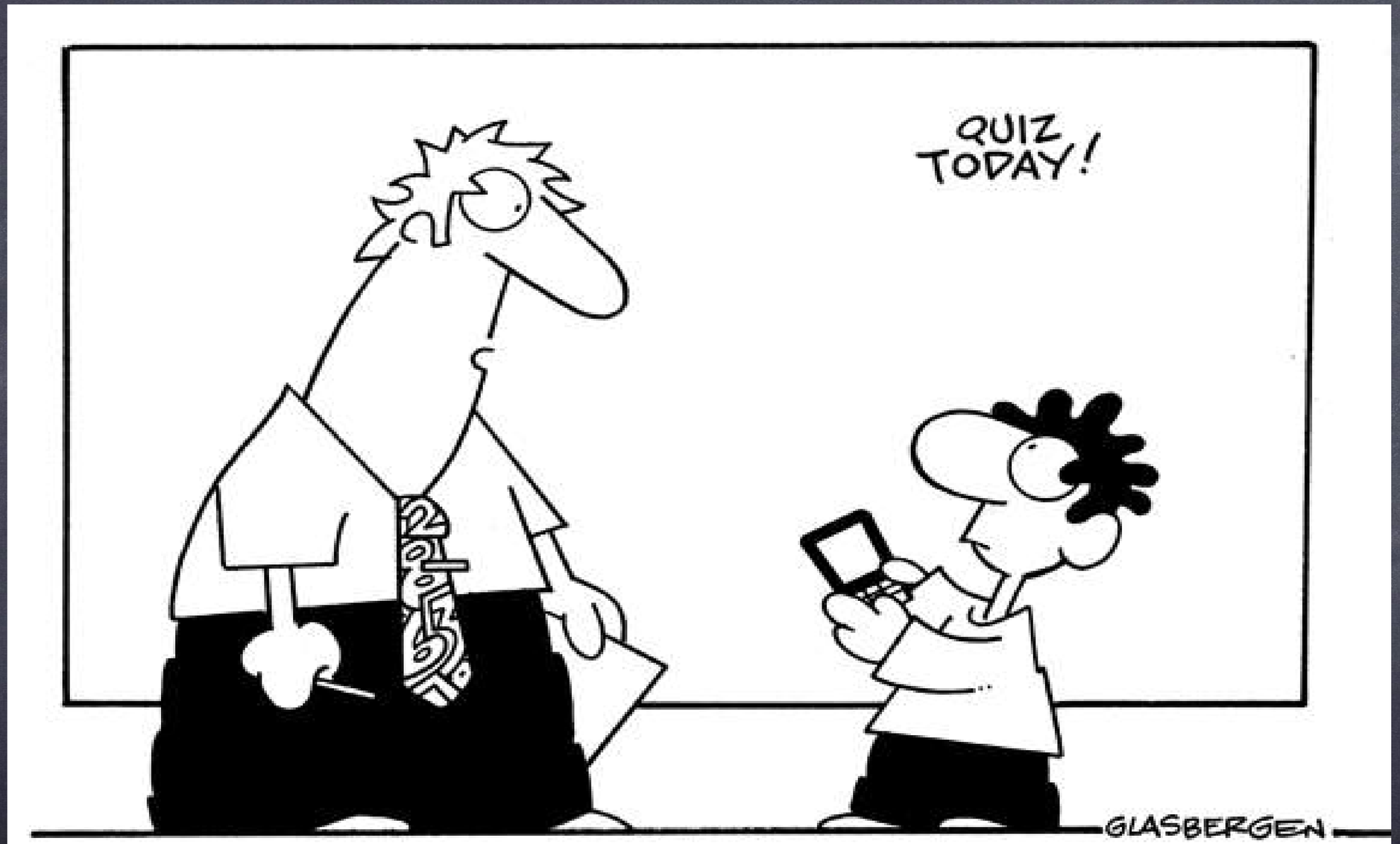
GESS EDUCATION AWARDS WINNER 2018
Smart Schools Model Dream

BUT, Is that realistic !!?

Or it is just dreams
and fictions !!



"You have to attend classes. You can't just follow me on Twitter."

Especially that more than 80% are Gov Schools!

Are We Taking Advantage of the current Technology Potential in Education?

Ummm...No

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The new formula

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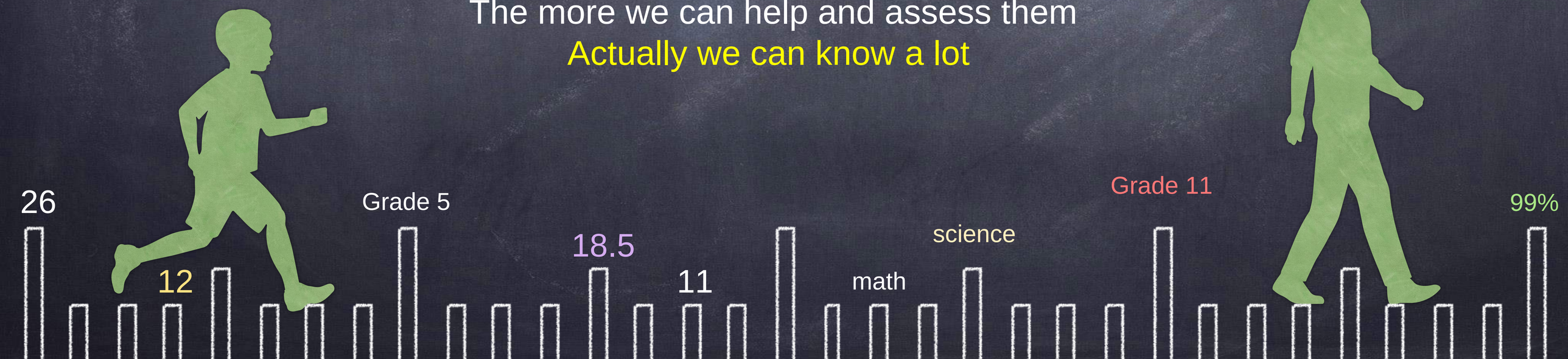
Intelligent & personalized

- Can we help the students without teachers' interactions?
- Can we predict the student performance before tests and fix it or improve it early on?
- Can we help the student anytime 24/7?
- Can we personalize the materials to student & teacher induvial needs?

Data Mining for better Personalization

The Power of Data!

The more data we know about
our students throughout their journey;
The more we can help and assess them
Actually we can know a lot

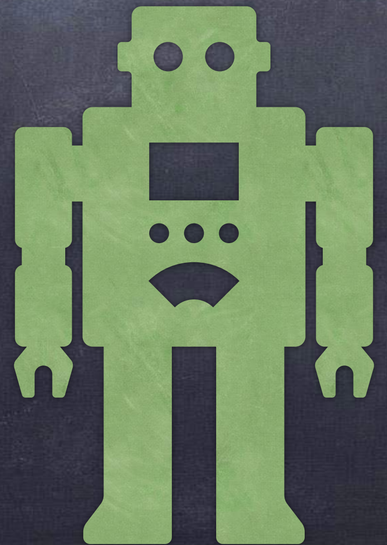


Smart Mate Recommender

Hi!.. I'm Smart Mate, your AI friend
who will work a side by side with you to provide a unique personalized
content tailored for you and only you!

Skills

History



Learning Styles

Preferences

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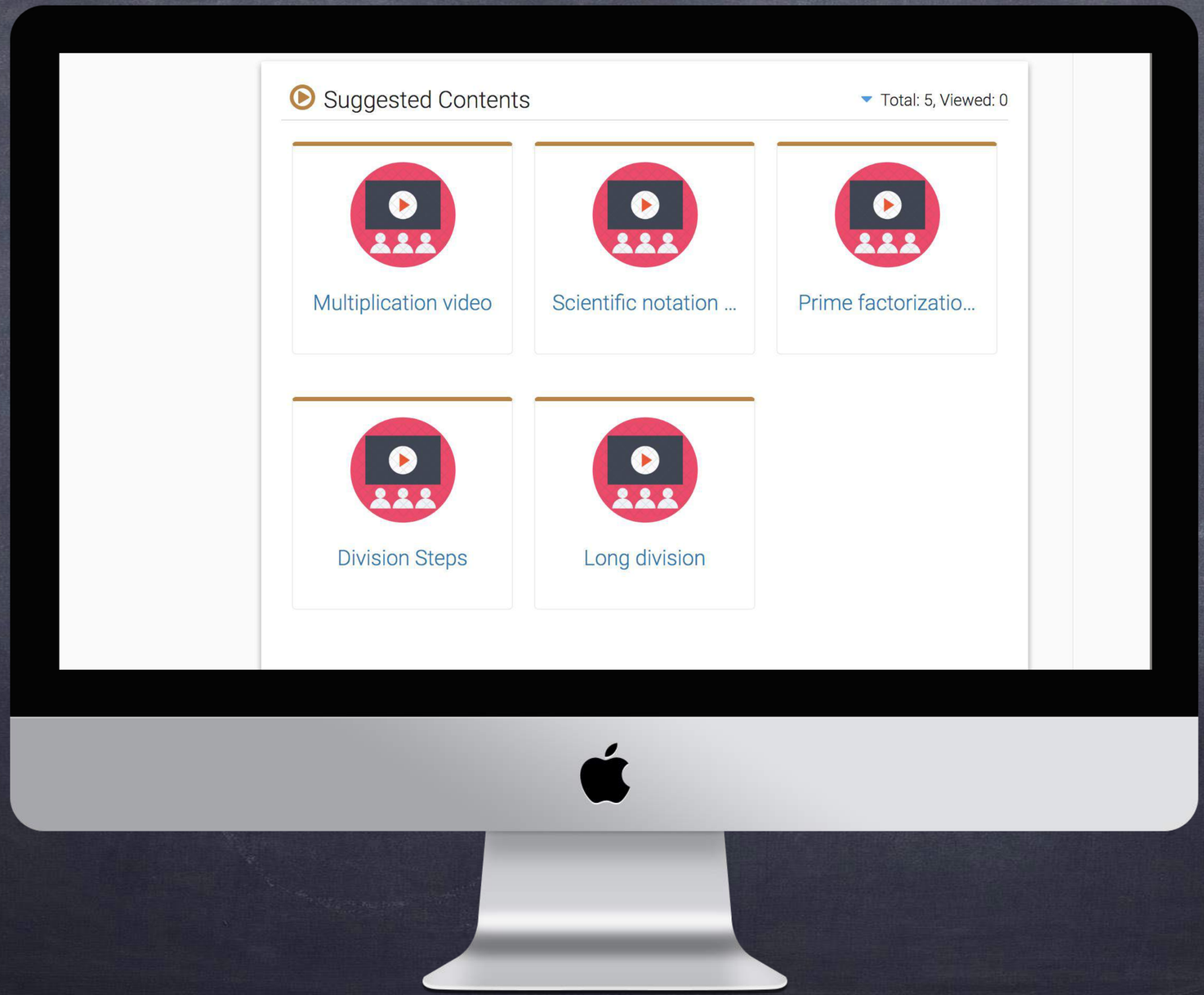
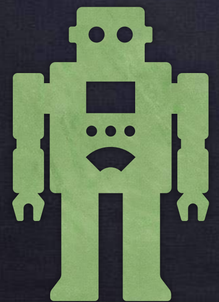
Smart Mate Recommender (SMR)



Smart Mate



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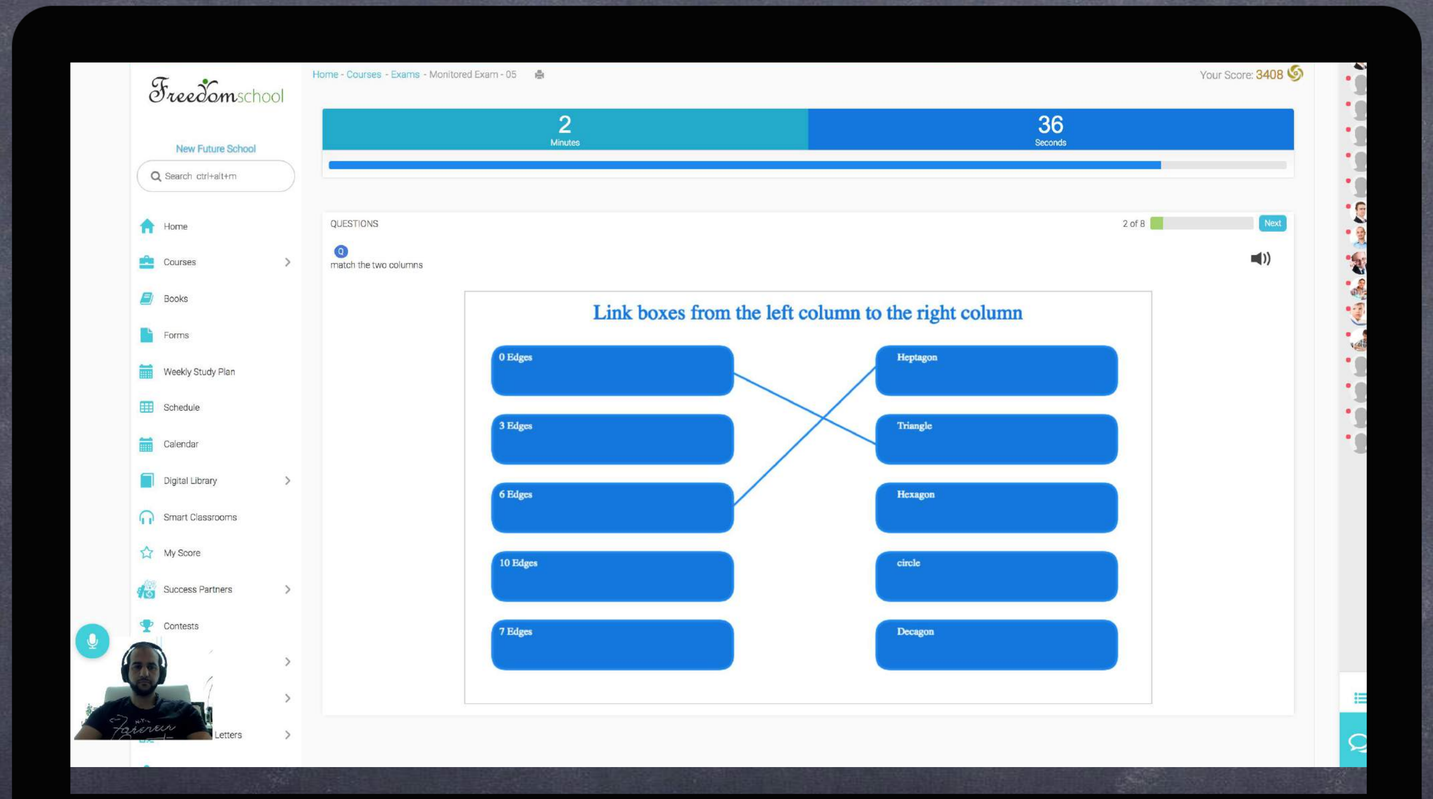
Online Exams with AI based Proctoring



Smart Mate

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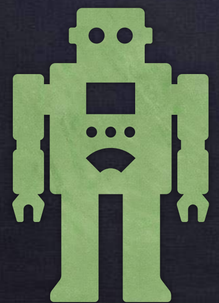
Smart Mate



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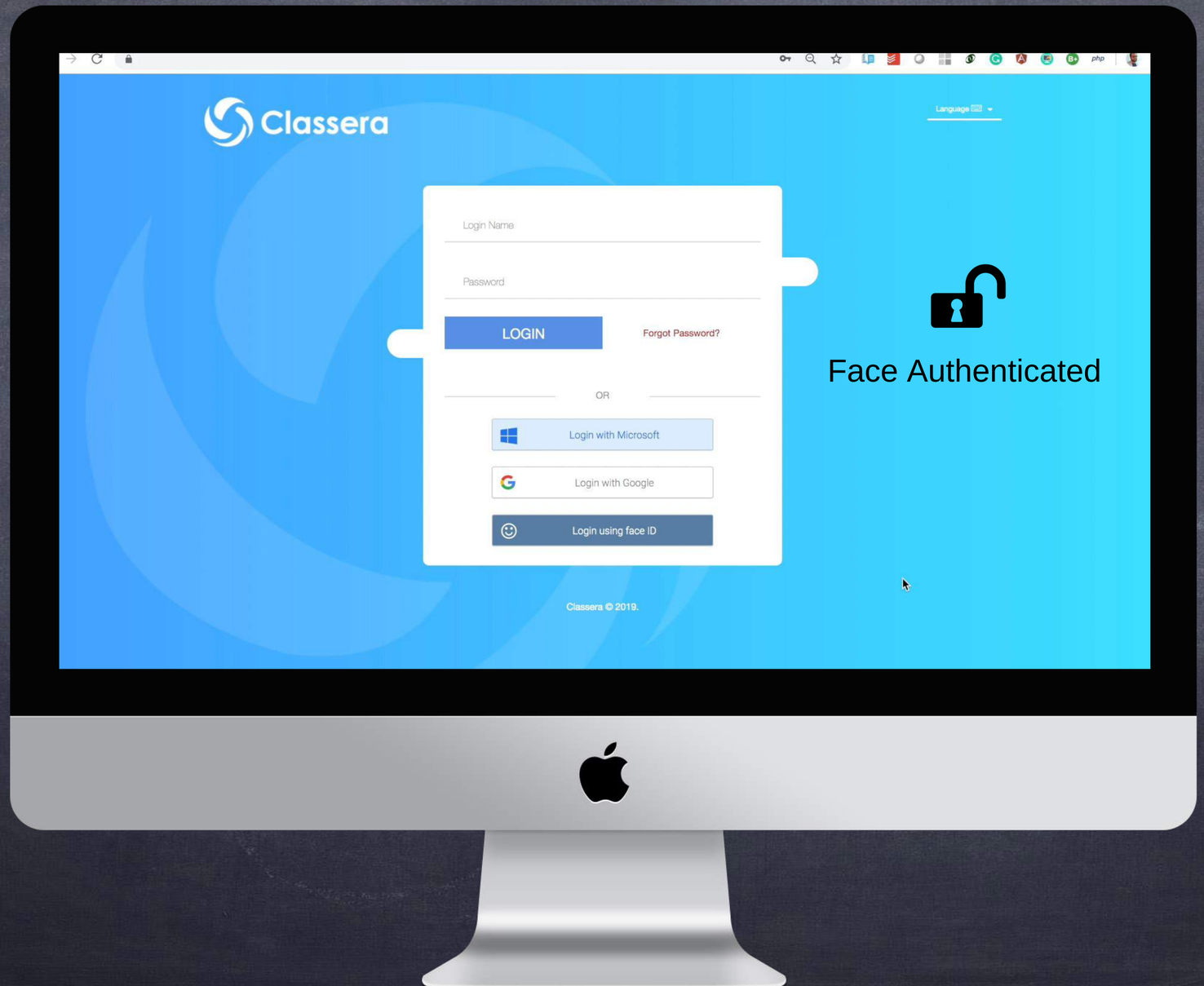
Login with your face using Face Recognition



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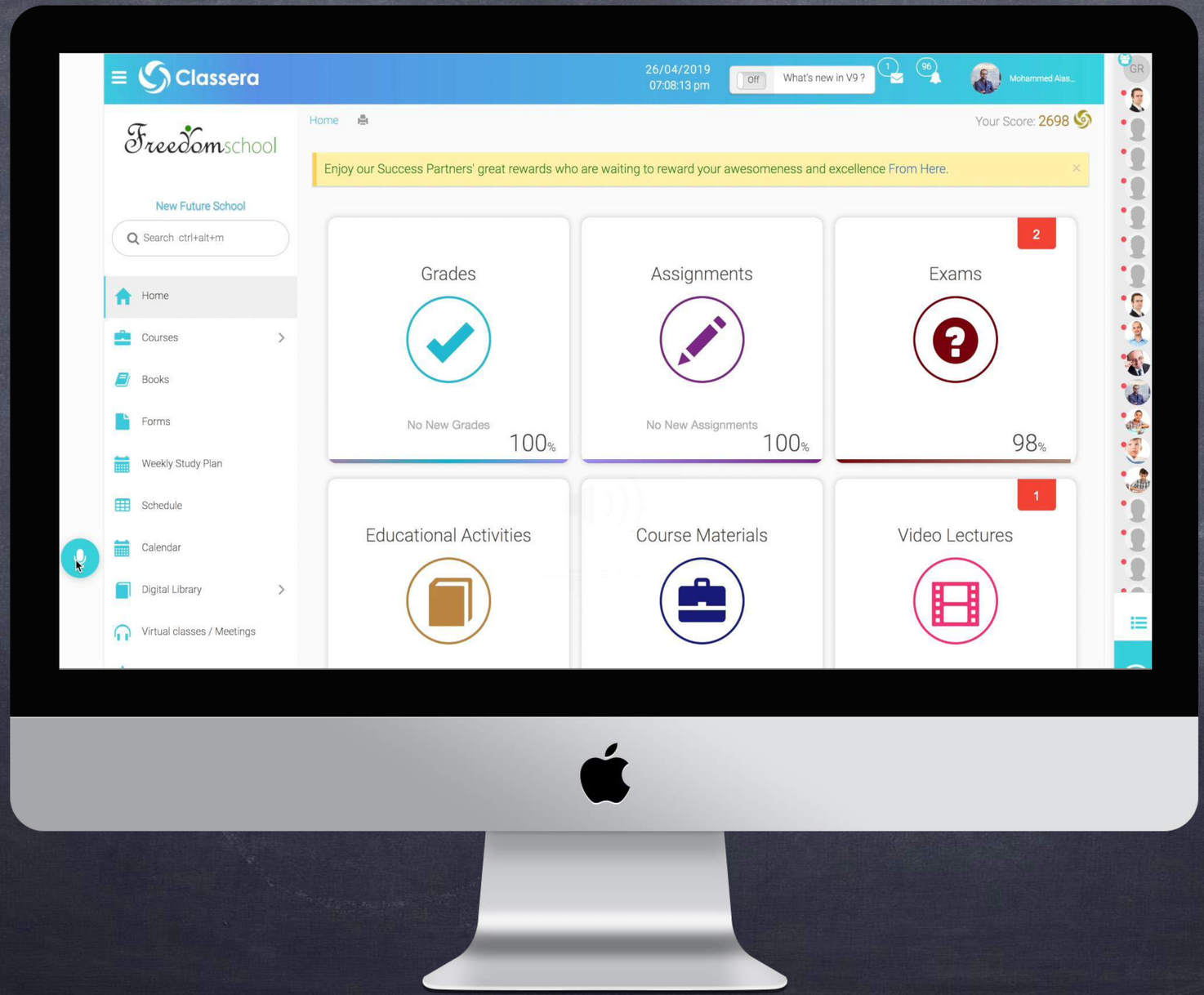
How about creating an exam with only your voice?



Smart Mate

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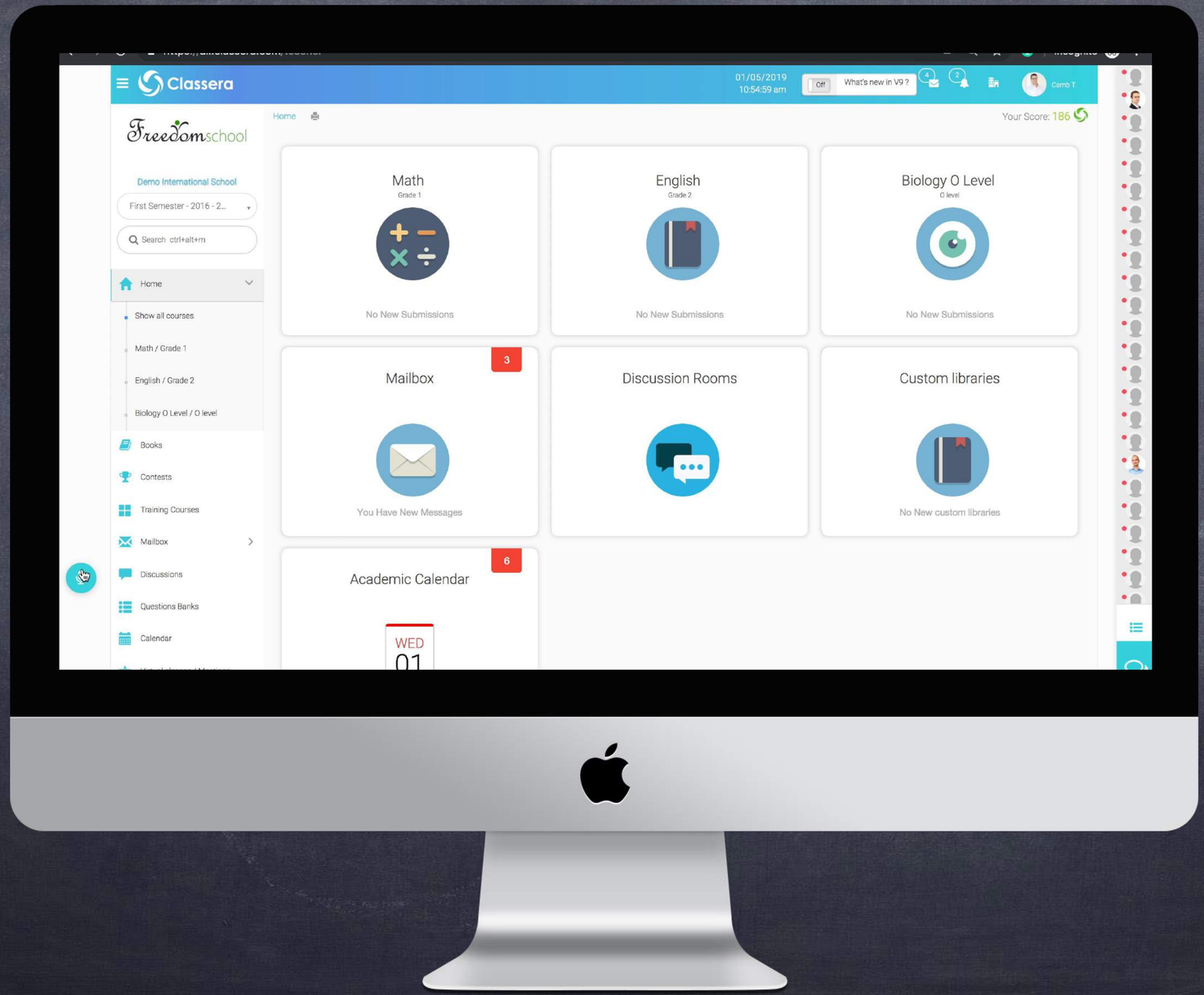
Speech Recog With Teachers



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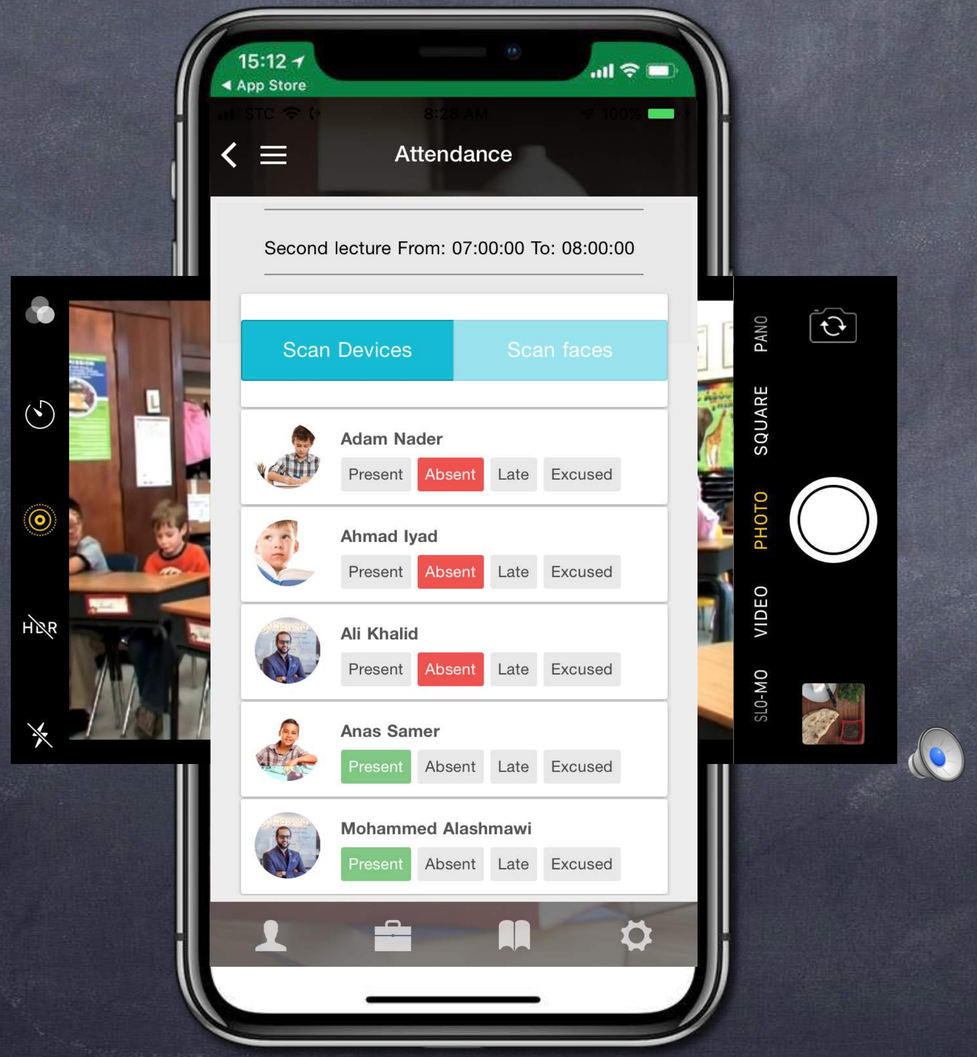
Class Attendance using Face ID!

Facial Recognition



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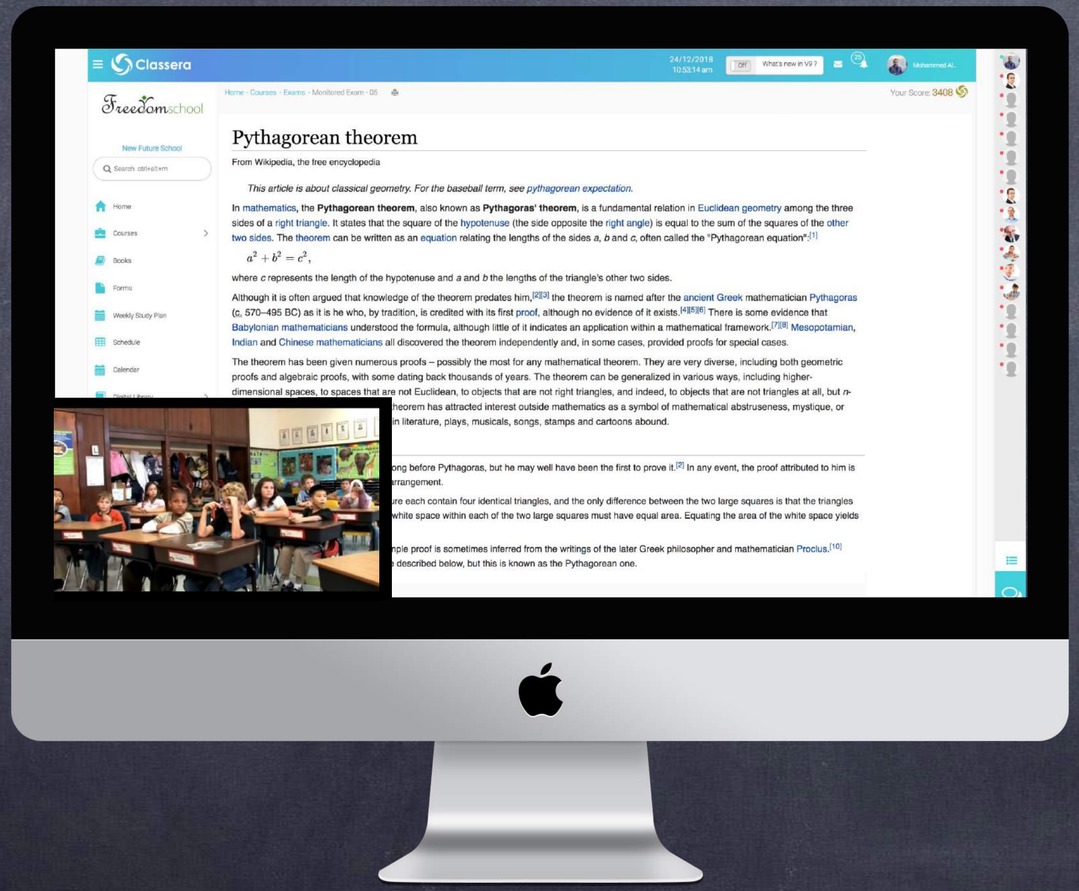
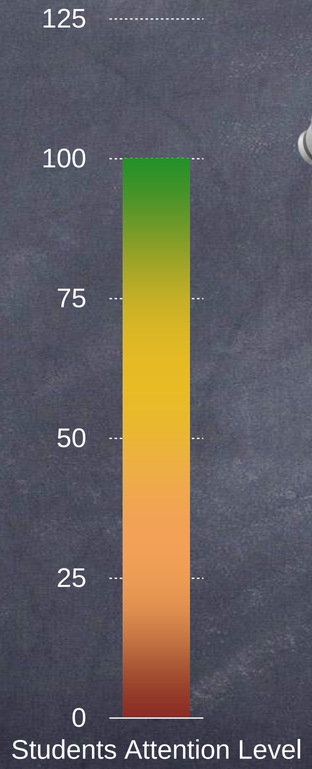
Students Attention Detection





Alert!
You are losing your students attention, Try to give a practical example!

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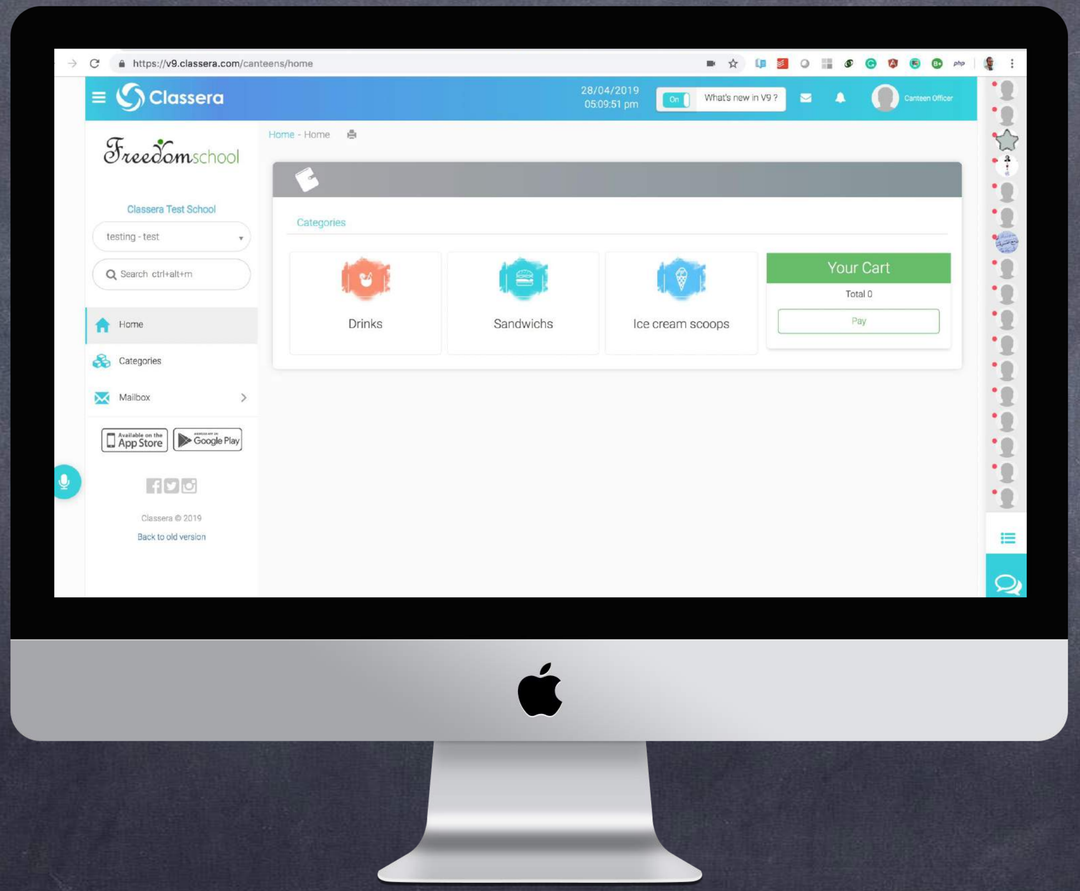
E-Pay for Canteen Management



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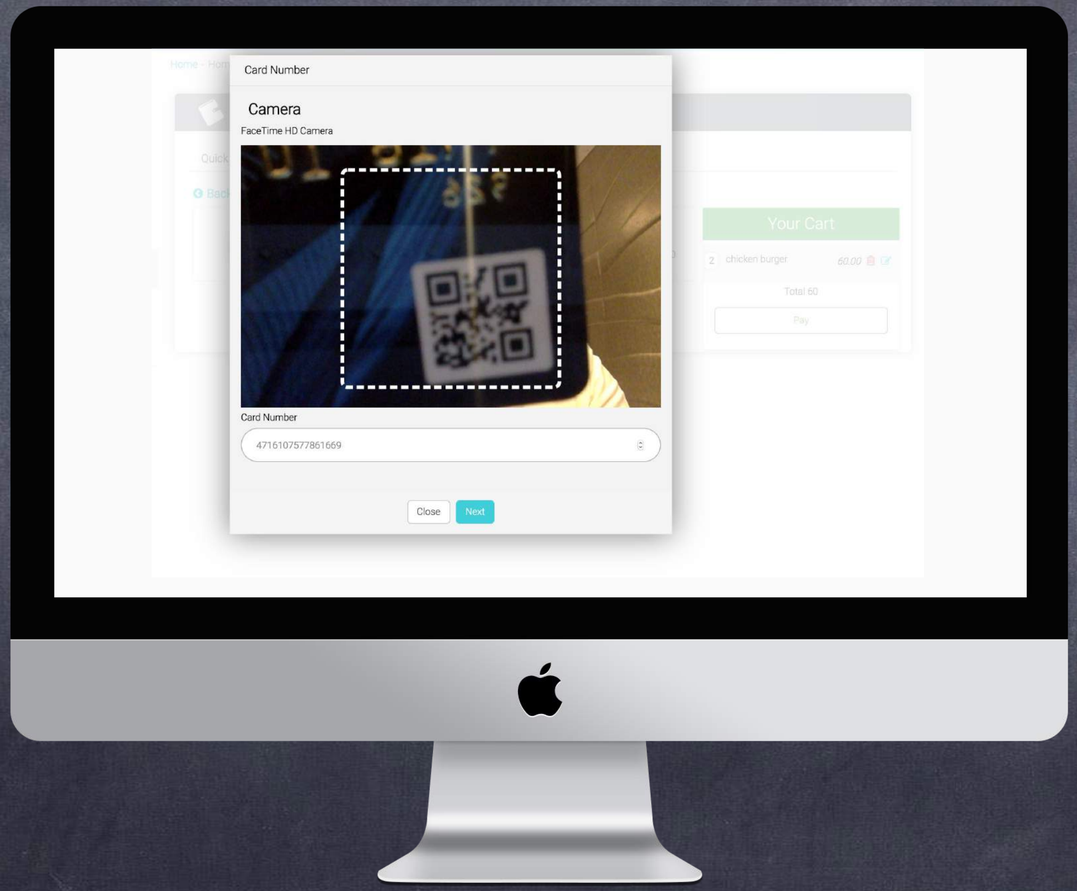
E-Pay for Canteen Management



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BUT, Is that realistic !!?

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The new formula

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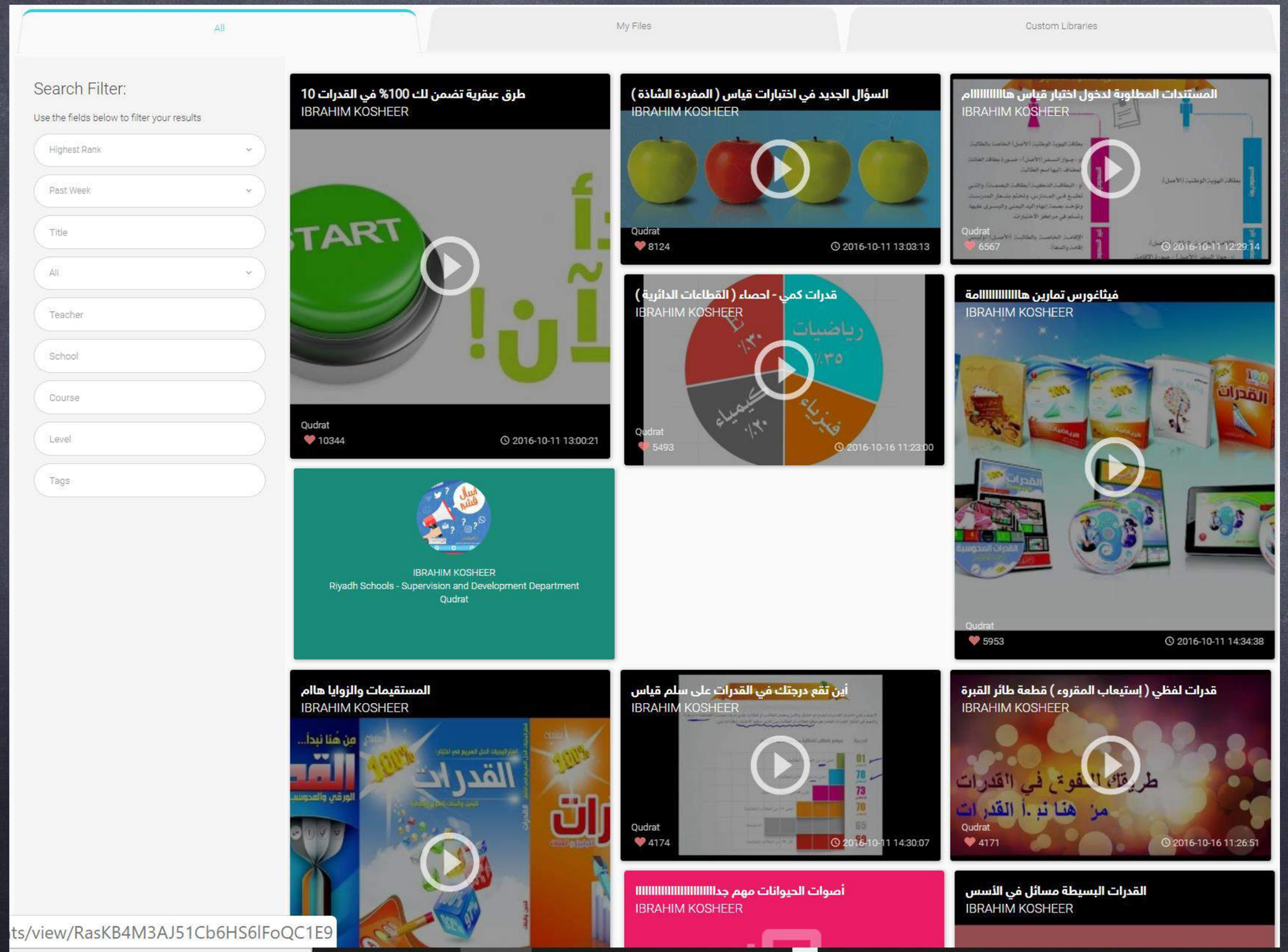
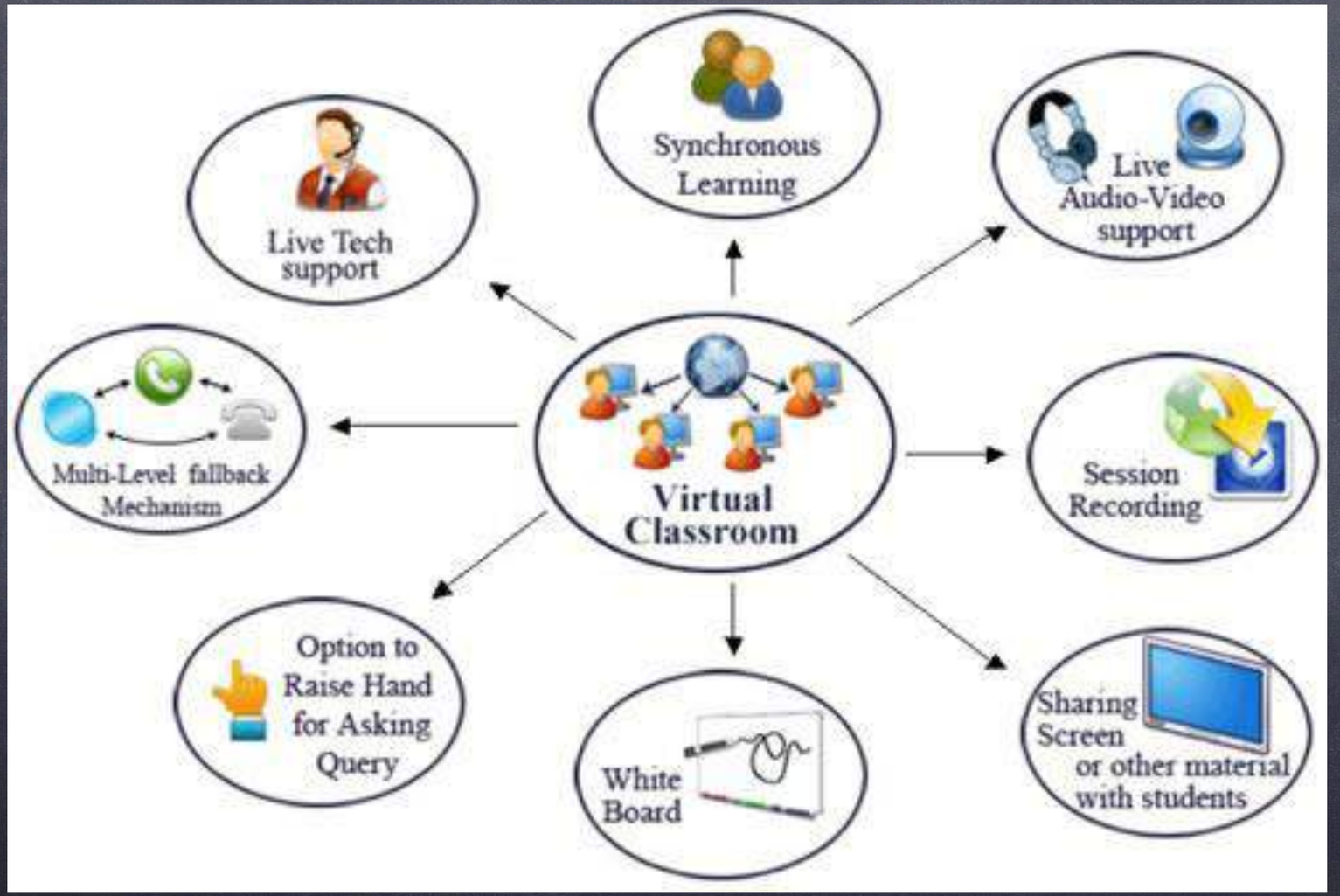
Digital Libraries



Virtual Classrooms



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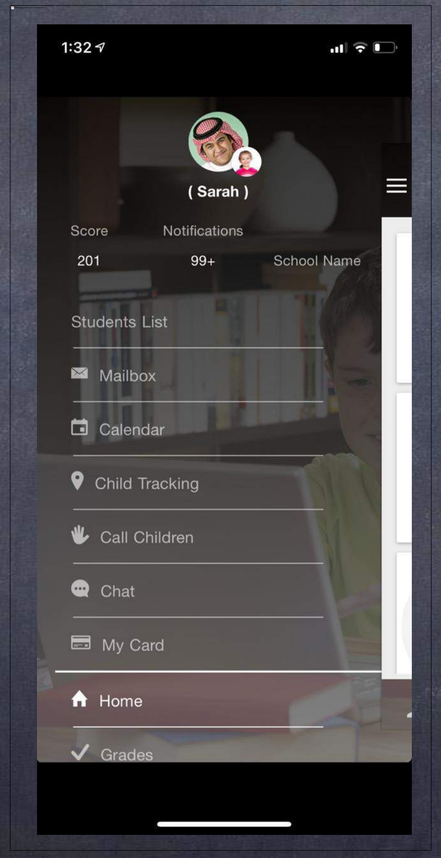
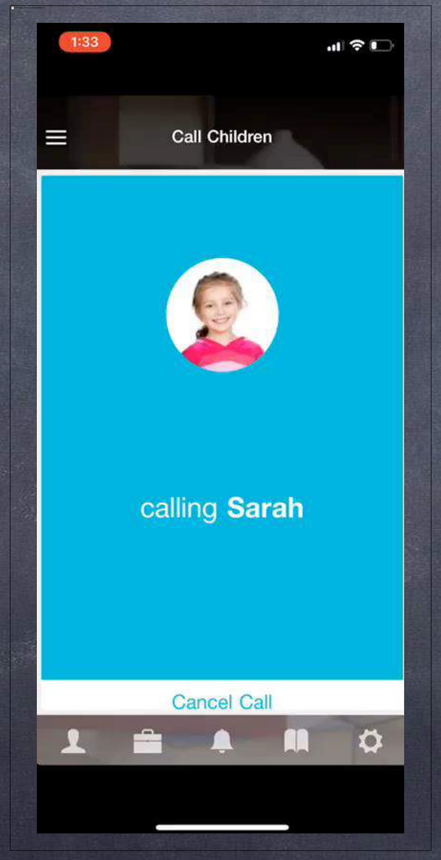
C-Track





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The power of social learning

- Classrooms group competitions and awards.
- Social Media competition.
- Digital portfolio of students.

The new formula

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the JOY of smart learning

- Would it be unethical to make learning addictive?
- Is it possible to beg for another assignment?
- Do we in fact motivate or demotivate?
- Can we reword everyone? I mean ALL?

True Gamification!

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Gamification

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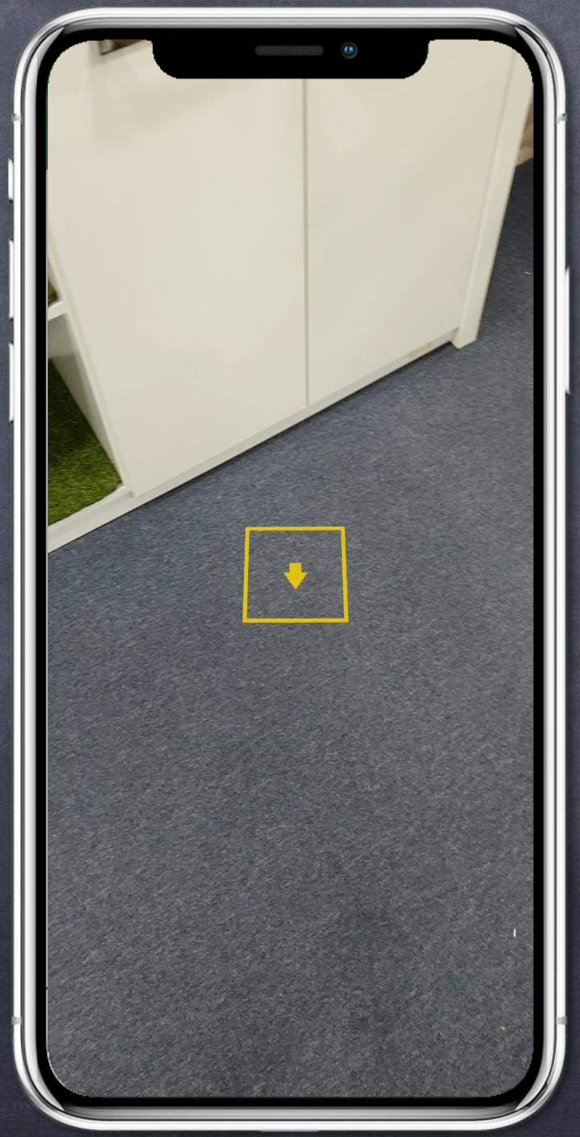
C-Reality



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The joy of smart learning

- Online Badges.
- Link achievements to student CV.
- Link education to actual games.

BUT, Is that realistic !!?

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and fictions !!

E-Pay for Canteen Management

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Is it realistic ?

80% are Gov schools

Budget is a BIG OBSTACLE!!

How can we make it sustainable?

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Self funding model

Success Partners
& E payment

Edu-Mall

SVA

Smart Virtual Schools

Telcos

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bett AWARDS 2017 WINNER

THE LEARNING AWARDS 2018 WINNER BRONZE

GESS EDUCATION AWARDS WINNER 2018

Educational Mall (EduMall)

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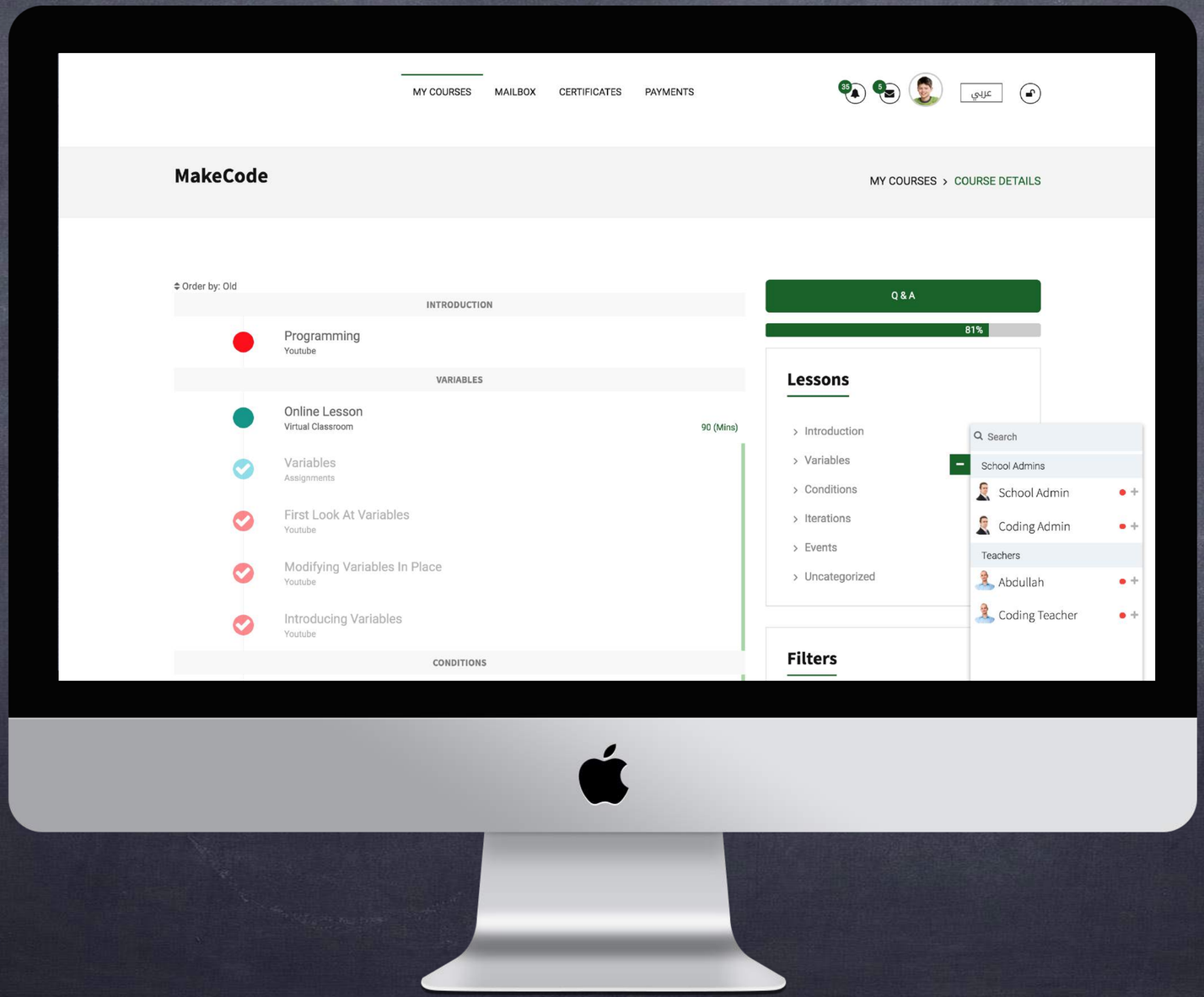
Smart Virtual Academy (SVA)



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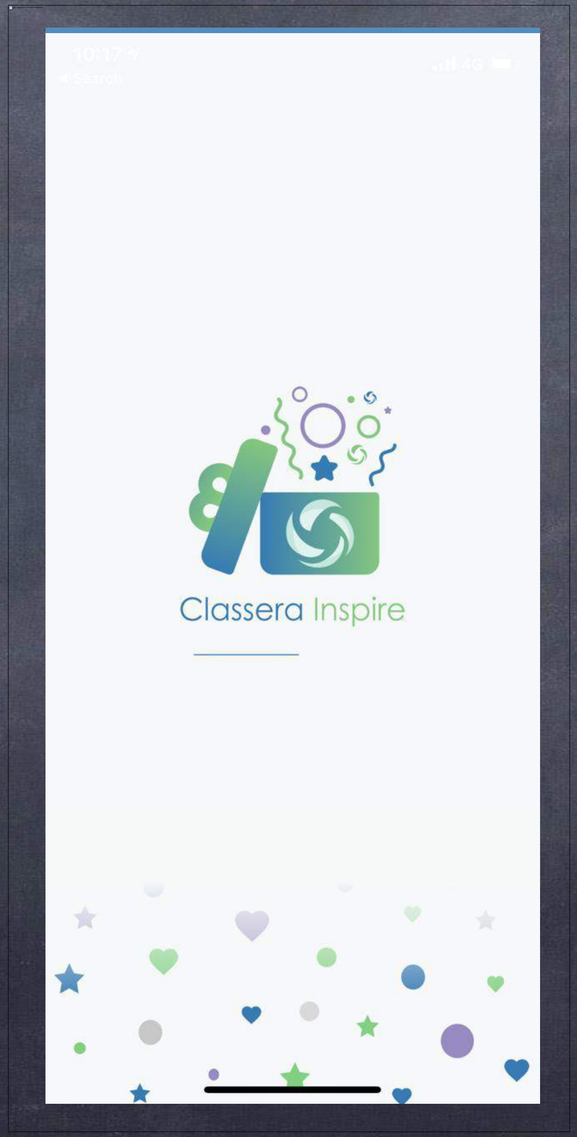
SPP (Inspire)



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International Awards

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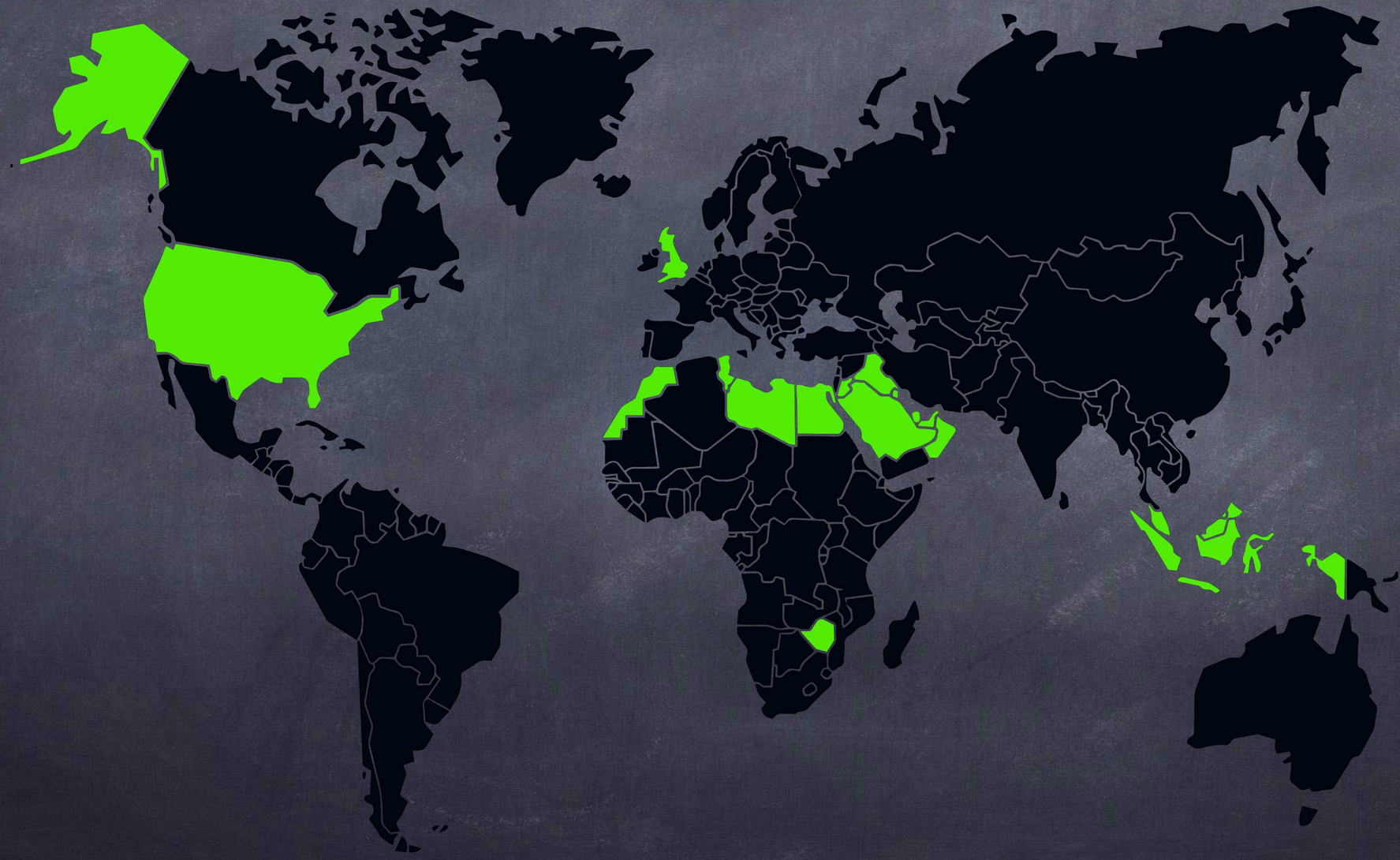
Market Presence



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Examples of Digital Transformation in Public Schools

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A formula that works

A Teacher (Mr. Mohammad Alfawaz) posted this video on twitter for the engagement of his blind students with Classera.

At the end, he asked his students if they want to have more assignments!. Watch the response yourself.

That is revolutionary !

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Will AI Replace Teachers?

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We Believe that the M.E can be a role model
and a bench mark once again in applying

Smart Learning

And a proof that

The FUTURE is HERE!

Thank you !

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