

AcademAI



TEI-3

Agenda

What you'll learn about today



1. Assumption
2. Context
3. Solution description
4. Target group
5. Impact

Assumption

In the same class there are students who are more active than the rest. Usually the active students tend to perform better at the end of the course



Problem

- those student who do not interact with the teacher and are less focused on the lessons usually get worse results



CONTEXT



Boredom

Boredom in students can lead to disruptive behavior



Crowded classroom

Problematic for the teacher if the classroom hosts more than 100 people



Students with disabilities

Some students are in need of special attention and appropriate social interaction



Interaction is needed to improve students performance!!

Can we improve students performance by increasing the level of interaction between professor and students with the use of AI?

Solution Description



Digital platform would be linked to camera and mics so it would be able to track student during the class and tracking their performance

- Notifications to teacher
- Suggest questions to the teacher
- Track the status of majority of the students

OUR TARGET GROUP

We work in every classroom



Teacher and Instructor

Monitor and interact more effectively with students, enabling a better understanding of each student's engagement and performance.



Students

Enhance interaction and support, which can lead to improved learning experiences and academic results.



Educational Institutions

Schools and universities can improve their overall educational quality and outcomes

IMPACT

01

Enhanced Student Engagement

Improved participation and interaction during classes.

02

Better Academic Performance

Measurable increases in student test scores and grades.

03

Improved Teacher Effectiveness

Enhanced teaching methods and learning outcomes.

Ethical Concern

Privacy

- not saving the images
- anonymised data
- aggregation data

Consensus in data usage

- university student (above 18)
- applicable to all lower age with agreement from parents or guardians



COURSE: History

Date: 07/11/2023

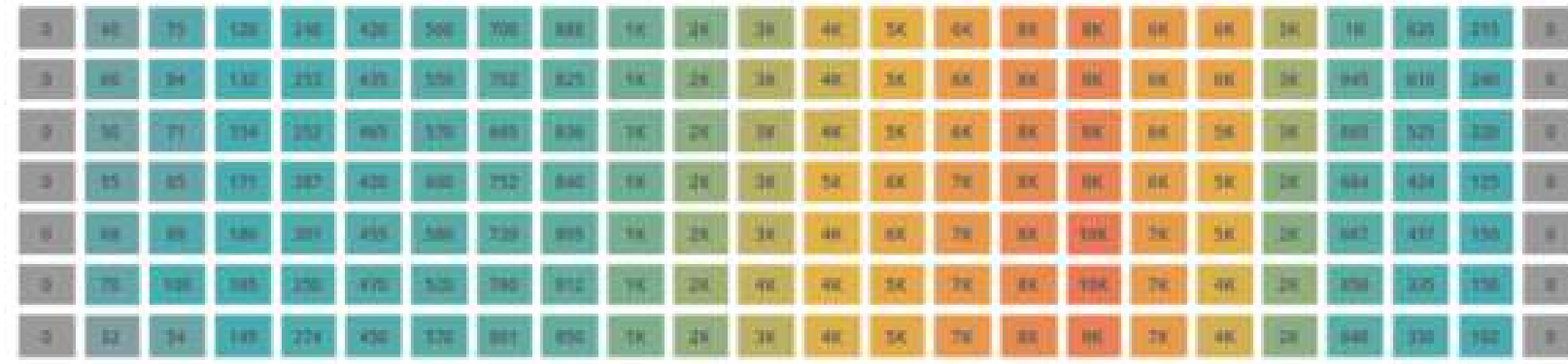
Size class: Big

+Create Question

Heatmap of attention

60%

Some students are not paying attention



High attention Low attention

Topic 1: Roman Empire

Number of questions answered: 10



See questions asked for Roman Empire

N° of questions asked by students



Topic 2: Egypt

Number of questions answered: 6



See questions asked for Egypt

N° of questions asked by students



List of students

NAME	PERFORMANCE
Alessio Rossi	
Alessandro Rossi	
Alessia Rossi	

Thank you for listening!

Got any questions? Feel free to call us, email us,
or hit us up on social media.

dongtruongthinh.bui@studenti.unitn.it +39 379 158 6994

DIGIEDUHACK SOLUTION CANVAS



Title of the solution:

Challenge addressed:

Team name:

Challenge category:

Solution description

Please describe your solution, its main elements and objectives as well as a brief implementation plan with some key overall milestones, resources required and eventual barriers foreseen. What is your final product/service/tool/activity? How could the solution be used to enhance digital education in the your challenge area? How could the success of the solution be measured? How will the solution provide benefits to the challenge owner?

Target group

Who is the target group for your solution?
Who will this solution affect and how?
How will they benefit?

Impact

What is the impact of your solution? How do you measure it?

Context

What is the problem you are facing?
What is the challenge that you are solving?

Describe it in a tweet

Describe your solution in a short catchy way in maximum 280 characters

Innovativeness

What makes your solution different and original?
Can anything similar be found on the market? How innovative is it?

Transferability

Can your solution be used in other contexts?
What parts of it can be applied to other context?

Sustainability

What is your plan for the implementation of the solution and how do you see it in the mid- and long term?

Team work

Explain why you are the perfect team to develop this work and what are the competencies you all bring in so the solution is developed successfully. How well did you work as a team?
Could you continue to work as a team in the future?