

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

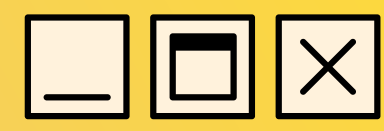
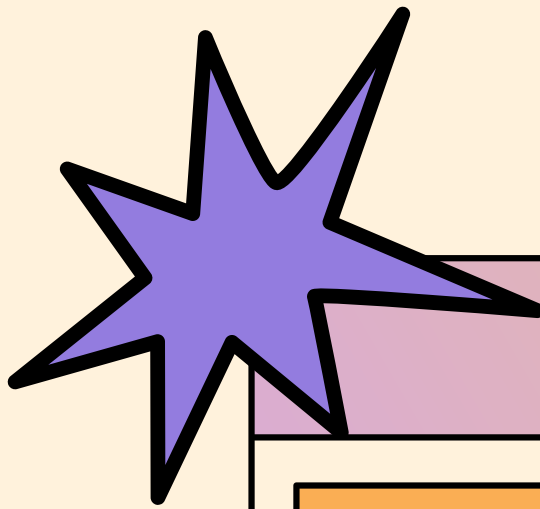
Can your solution be used in other contexts?
What parts of it can be applied to other context?

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

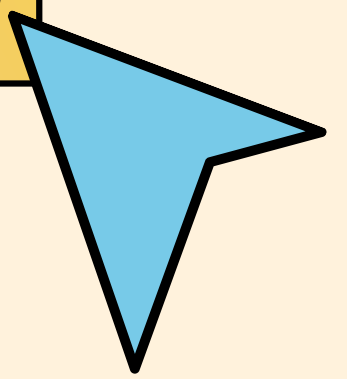
Explain why you are the perfect team to develop this work and what are the competencies you all bring in so the solution is developed successfully. How well did you work as a team?
Could you continue to work as a team in the future?



ClassMate AI

The classmate you can always count on

Improving student's education through course material tailoring





Each one of us learns in a different way.

Also, following along in class is not always easy

- Language barriers
- Learning impairments
- Difficult subjects



How can we solve these problems?





IN AN IDEAL WORLD...

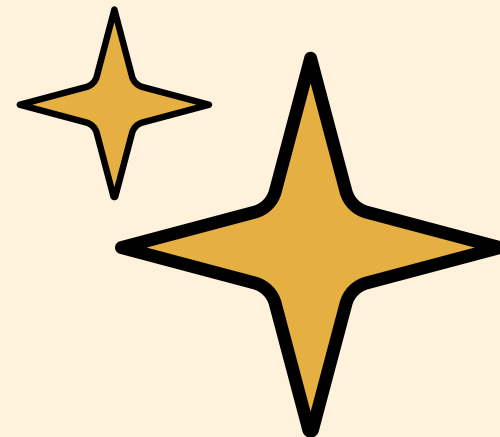
Every student would have access to a tutor that...

- Is always there
- Knows everything about the course materials
- Can answer all of the questions



Currently, most universities use Moodle as a learning platform, providing access to materials and information on the courses.

So, we designed our solution as a Moodle plug-in



ClassMate AI is a plug-in that acts as a chatbot inside the Moodle course page

helping the Students:


- Lecture transcription
- Answering students' questions about the material
- Material translation
- Personal testing questions
- Suggestions for further material to read
- Mental map creation

ClassMate AI is a plug-in that acts as a chatbot inside the Moodle course page


helping the Teachers:


- Automatic reports on students' usage and questions to ClassMate (anonymized)
- Feedback on course materials (quality, accessibility, ...)
- Initial grading of students' submissions (to be reviewed by the teacher)


High Fidelity UI

 UNIVERSITA
DI TRENTO

- > General
- > Projects
- > Tasks
- > Reporting
- > Users

 Support

 Settings



Welcome back, Olivia

Track, manage your student portal.


[Courses](#) / [2023/2024](#) / [Dipartimento di Psicologia e Scienze Cognitive](#)
/ [Participatory Design \[145459\] & Design Experience \(Module 2\) \[155000\] - 2023-24](#)


Participatory Design [145459] & Design Experience (Module 2) [155000] - 2023-24

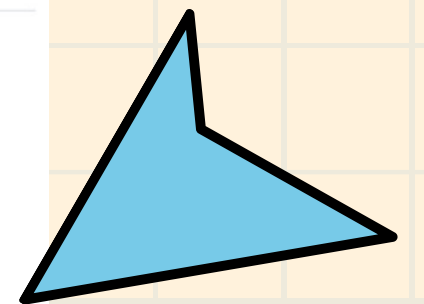
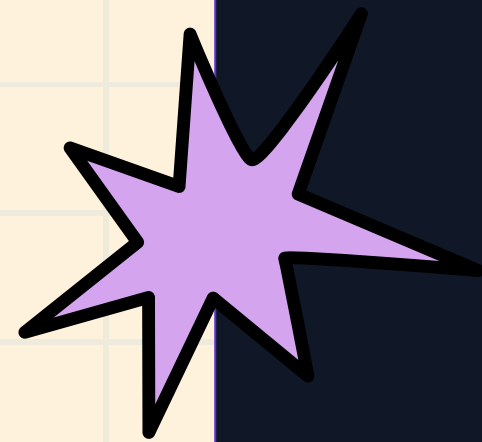
Course	Grades	More
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- > **General** Collapse all
- ▼ **Relevant information for students who cannot attend**

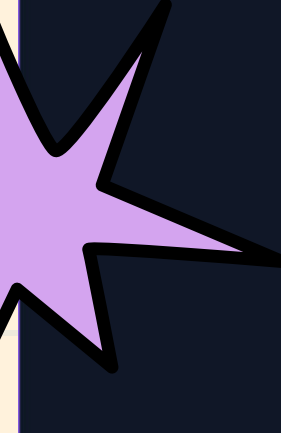
*Dear non-attending student, please find relevant information for you in the course [wiki](#). There, you will find a detailed description of the [requirements for students NOT attending the lectures](#). Please, do not hesitate to contact the instructors for clarifications. The **only** dates for the exam are the ones in [esse3](#). Please don't ask to take the exam in a different date.*
- ▼ **Course wiki**


 [WIKI - Participatory Design](#)
- ▼ **Slides and other materials used in classes**






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
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Q Search

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 Olivia Rhye
olivia@untitledui.com 


Welcome back, Olivia



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/ Participatory Design [145459] & Design Experience (Module 2) [155000] - 2023


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 Import  Add


 ClassMate AI 

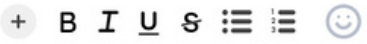

 Gustavo Pratt 11:24 PM
Hello AI, could you provide a brief summary of the lecture we just had on "Participatory Design and Design Experience"?

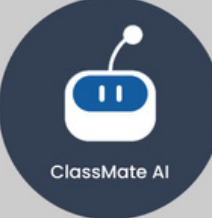
 ClassMate AI 11:24 PM
Of course! In today's lecture, we explored the exciting topic of Participatory Design and its impact on the overall design experience. The session began with an introduction to Participatory Design and its roots in human-centered design principles.

 Gustavo Pratt 11:24 PM
I recall that part. What other key points were covered?

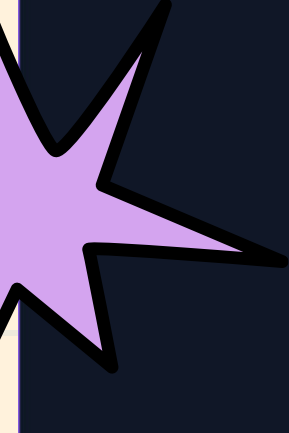
 ClassMate AI 11:24 PM
AI Robot: We delved into the various methods and techniques employed in Participatory Design, including user interviews, workshops, and co-creation processes. The importance of involving end-users in the design process was emphasized, as their insights and perspectives are crucial in creating user-centric solutions.


Write a message.... 

 ClassMate AI


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Import + Add

 ClassMate AI





 Drew Cano 11:24 PM
Hello AI, I'd like to submit my presentation on Participatory Design for your review. I'm particularly interested in getting some recommendations for improving the contrast on slide number 4.

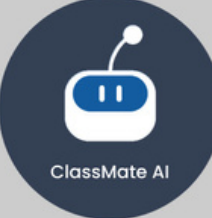
 attachment.pdf 275 kb

 ClassMate AI 11:24 PM
After reviewing slide 4, I noticed that the text and background colors could benefit from increased contrast. The current combination of light text on a light background makes it somewhat challenging to read. To enhance contrast, you might consider changing the text color to a darker shade or altering the background color to a slightly darker hue. This will make the content more legible and visually appealing.

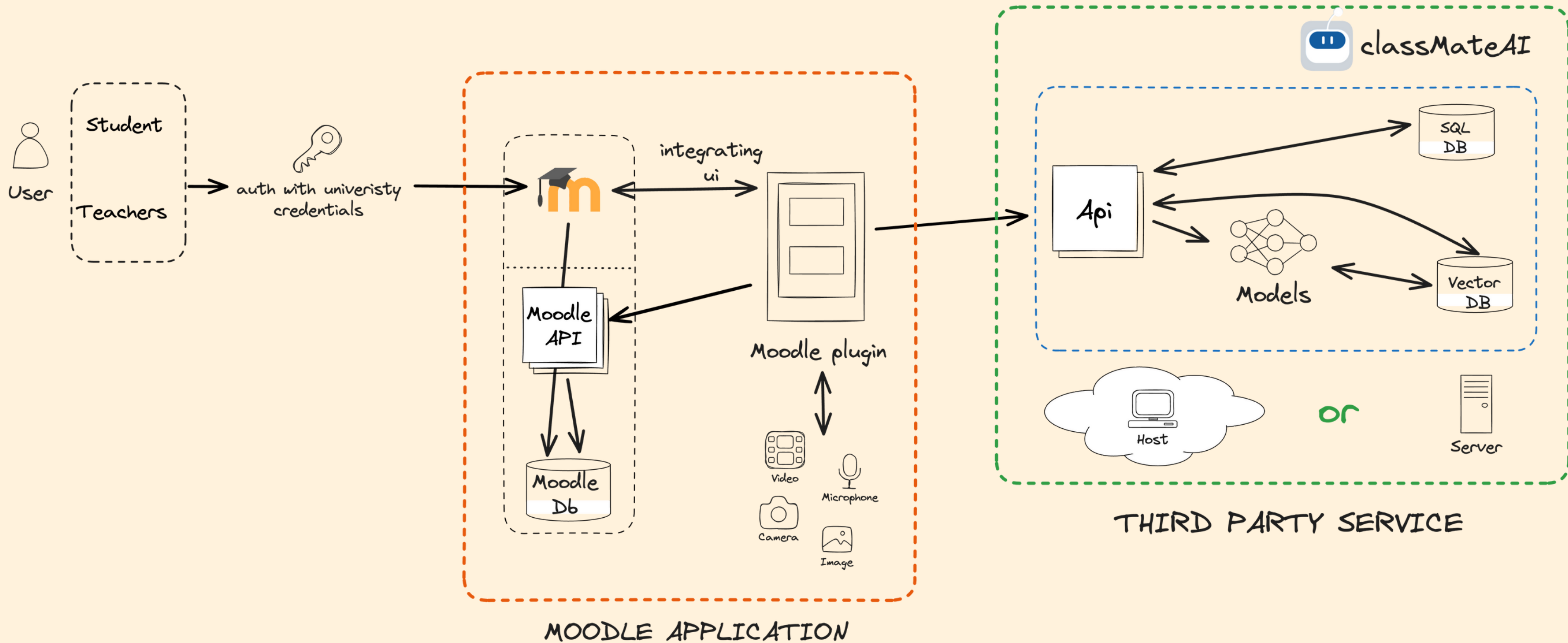
 Drew Cano 11:24 PM
Thank you, AI. I appreciate the feedback. Do you have any specific color suggestions for the text and background?

Write a message....

+ B I U S    

 ClassMate AI

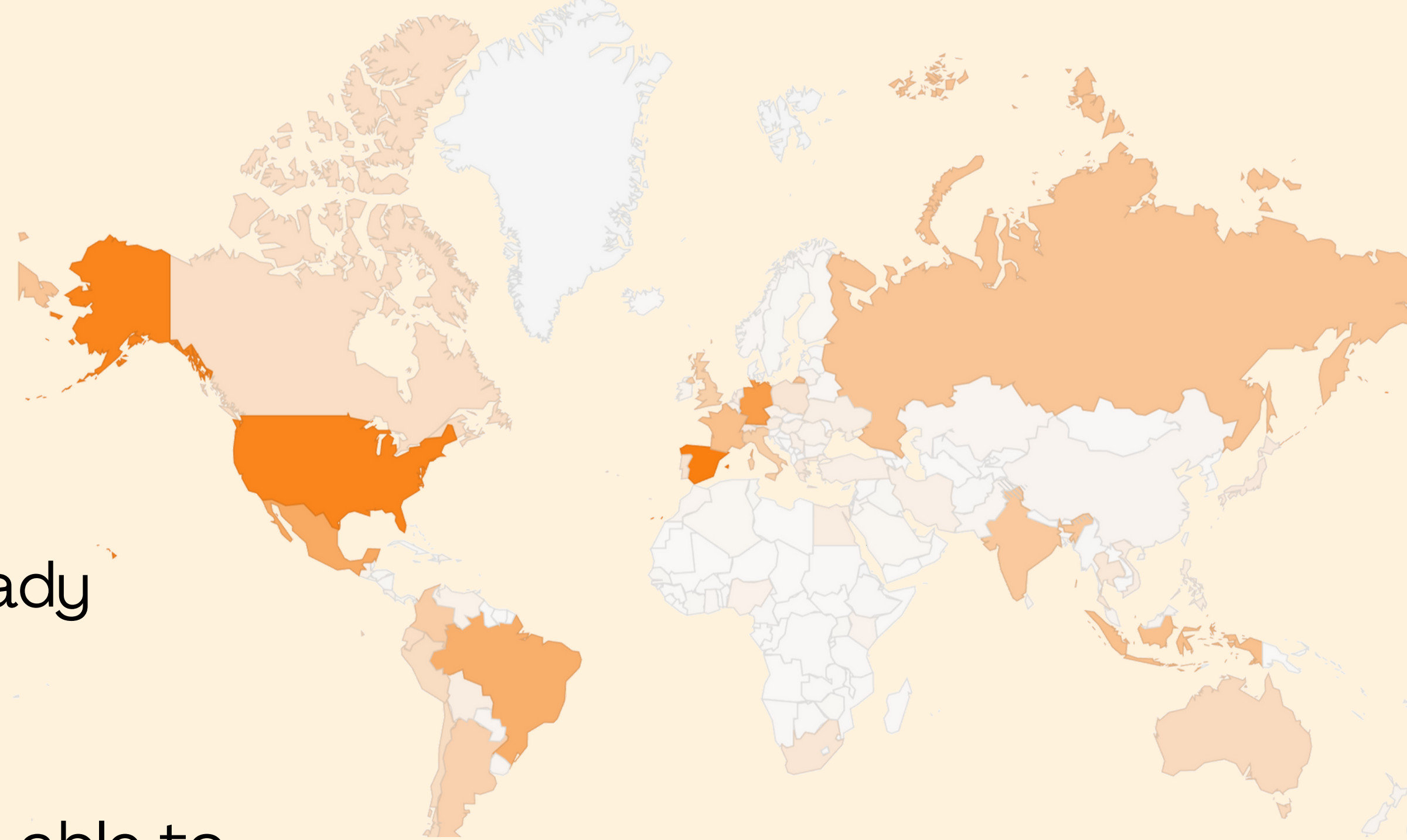
Architecture



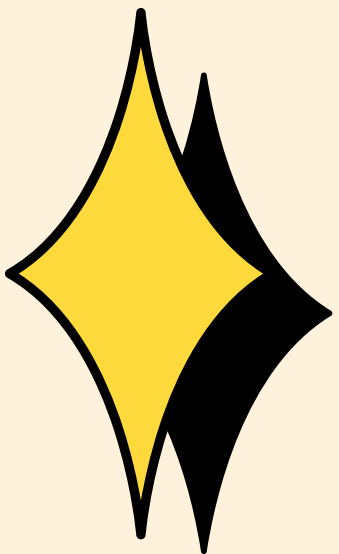


Impact

- **165,993** sites are already registered
- **399million users** will be able to enjoy the benefits


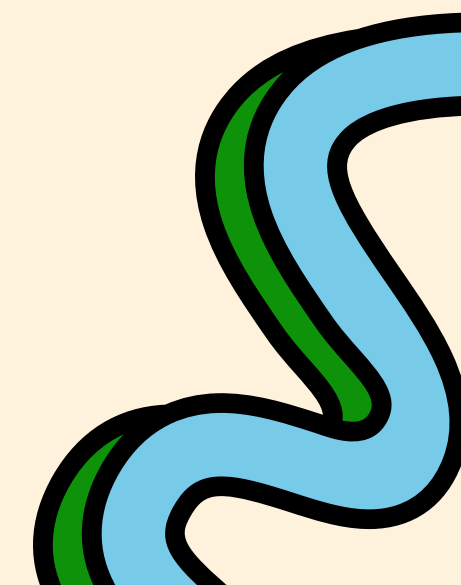


- **238** different countries





Practical and sustainable

- **Hosting Options:** Local or cloud hosting of the AI models based on infrastructure availability.
 - **Privacy Assurance:** The institution's control ensures material privacy, involving no third-party companies.
 - **Sustainability:** Eco-friendly if the institute uses green energy.
 - **Flexibility:** Scalable and transferable solution.
 - **Future Outlook:** we anticipate locally hosted solutions becoming more cost-effective and simpler to set up.
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ClassMate AI

Making personalized tutoring accessible to everyone with a scalable, easy-to-implement solution.

A Moodle plugin to help teachers and students connect and **transform education together.**

