DIGIEDUHACK SOLUTION CANVAS

DIGI EDU HACK 2024

Describe it in a tweet

How would you describe your solution in a short catchy way with maximum 280 characters?

Giving education a new boost with AI systems that can assure the correct development for students and professors. Enter the new era now.

Title of the solution: Cognitia

Team name: Enhanced Search

Challenge addressed: How might we co-create human flourishing through education with emerging technology?

Challenge category: Emerging Technologies for Education

Background of the team:
(multiple selections possible in case of mixed teams)

- ☑ Higher Education Students
- ☐ Teachers
- ☐ Others (please specify)
- ☐ Researchers
- ☐ Primary School Students
- ☐ Professionals
- ☐ Secondary School Students

Innovativeness

What makes your solution different and original? Are there similar solutions or approaches currently available or implemented by education sector practitioners? If so, why and to what extent is your solution better?

It´s a controlled technological system that allows for a scalable educational improvement as it tackles the latest innovations in education as they come. It´s a new way to utilize the existing process and open source AI structures, instead of simple chat bots, they can be developed into a whole, educational evergreen infrastructure, that allows students to have a 365 learning experience, not just an "ask and receive" informational method while using AI.

Solution description

What is the final product/service/tool/activity you're proposing? What are its main elements, technologies and objectives? Could you please include a brief implementation plan with some key overall milestones, resources required and eventual barriers foreseen?
How could your solution be used to enhance digital education nowadays? How could its success be measured?

A software that can be implemented on existing educational databases that can assure the correct educational development for students and professors. It can be measured on the level of quality learning the students accomplish on a monthly basis, as well as crafting a new method for an evergreen educational value.

Target group

Who is/are the target group/s of your solution and how will they benefit from it? Why is your solution relevant to them? how do you plan to engage these groups so you fully meet their specific needs?

Educational institutions (universities)

Transferability

Can your solution partly or fully be used in other education/learning contexts or disciplines? Could you provide any example?

As a system that is nourished by university data bases and stakeholders, the software is 100% transferable to any other university with similar data systems.

Sustainability

Once you have a prototype, what are your plans for a further development, implementation upscale and replication of the solution? How do you see it working in the mid- and long term?

It´s a controlled technological system that allows for a scalable educational improvement as it tackles the latest innovations in education as they come.

Impact

How will your solution catalyse changes in education and what impacts will it have at social and environmental level? Could you provide examples or scenarios illustrating how such changes and impacts might unfold?

Better student performance analysis based on a controlled and valuable AI system that guarantees the school´s leadership in this new era of technological advancements, creating a whole new potential offer for families to trust the education they invest in and for students to actually get more from their learning sessions and their institutions resources.

Context

What is the current or future problem you're trying to solve? How does your solution align with DigiEduHack 2024 annual theme?
How does your solution confront the challenge posed by the hackathon organiser and how does it address the challenge category?

There is no clarity on how to implement AI in universities, and as a result, they rely on AI tools that do not fit their specific values or needs. Faced with a society that is increasingly adapting to AI, universities may be left behind by not training professionals with the most up-to-date and relevant tools on the market.

Team work

Present the members of your team.
Why are you the perfect team to develop this work and what are the competencies you all bring in so the solution is developed successfully? What is your expertise within the thematic field concerned? Are you planning to continue working as a team in the future? If so, why?

It´s a project that offer a Done With You Solution and a Done For You Solution, being the latter the software implementation on the institution and the former one being the different tweaks made to the structure. Also, it´s a co-creation between different institutions and associations, helping on developing the right channels for the software´s existence. We are a team made up from two communications students and two engineers, one in Computer Sciences and the other one in mechatronics. All obsessed with learning and business. That´s the impact we want to achieve: create an impactful project that is aligned with our purpose and higher goals, same which will allow us to continue building relentlessly in the future. We love creating and building all together.

European Commission