

DIGIEDUHACK SOLUTION CANVAS

Title of the solution: CUWi

Challenge addressed: Increase academic and practical performance

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?

To systematically assess students' progress, we offer educators a comprehensive tool for quiz creation. This empowers teachers to allocate a few minutes daily to formulate assessments aligned with the topics covered in their classes. Our platform provides support through an automatic question bank based on the educational curriculum.

Upon accessing the application, students can easily navigate to view quiz questions for each class. This allows them to review the topic while registering their mastery of each skill based on their responses.

Post-quiz, the collected data is meticulously segmented, furnishing teachers with metrics regarding each student's proficiency across different topics. These metrics equip educators with the necessary information to inform and optimize their teaching methodologies.

Context

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

We aim to enhance students' performance by monitoring the progress of their skills, creating tools that support the co-creation of human flourishing through education with emerging technology.

Team name: CUWi

Challenge category: Challenge 2: "How might we co-create human flourishing through education with emerging technology"

Target group

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

We target schools that are in the initial stages of digitization, offering a solution that aids teachers in monitoring students' acquired skills during their classes. The goal is to support teachers in their teaching processes.

Impact

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

We aim to enhance students' performance by monitoring their skills, all of which is measured through the reports generated after completing their daily assessments.
Furthermore, we seek to impact teachers by providing an evaluation method that helps save time and offers insights into the current status of each student. We intend to measure this impact by assessing the time teachers dedicate to the process of creating or reviewing assessments.

Describe it in a tweet

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

We help schools transition into the digital era through an app that allows them to monitor classroom skills with easy-to-create quizzes. This gives the teacher the necessary information to make decisions for their teaching process by adapting to the school's income level.

Innovativeness

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

We draw inspiration from the monitoring and control features seen in Learning Management Systems (LMS) such as Google Classroom, incorporating techniques employed by game-based learning platforms like Kahoot. Our differentiator lies in the simplicity of use and the minimal time required to create or respond to assessments.

Transferability

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

The prototype of the solution is designed for elementary schools; however, the model can be applied to any educational level.

Sustainability

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

We create licenses that accommodate the income level of each school and the volume of students and teachers it has.

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?

We are passionate about education, having pursued technical careers centered around platform development, with a strong foundation in education. Throughout this journey, we have collaborated effectively and are eager to bring this project to fruition. Each team member is committed to continuous learning to ensure the success of our endeavor.