DigiEduHack Solution
Porto - Individual Skills Tracking for the 21st century
Challenge: Porto - Individual Skills Tracking for the 21st century Challenge 2020

Porto - Individual Skills Tracking for the 21st century

Methodology and AI system software for students and universities

Integrate personality and behavioral tests, peer reviews and AI algorithms, to build a tool for facilitating team building in Universities and skill evolution tracking for students

Team: Mediterraneans

Team members

Vítor Costa , Pedro Oliveira , Isaías Machado, Leandro Silveira, Lina Roka , Pedro Sousa

Members roles and background

The team members background is a mixture of portuguese and brazilian IT engineering students with a communication and media student from Greece.

Contact details

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Solution Details

Solution description

We developed an ideia to create a tool that integrates personality and behavioral tests, peer reviews and AI algorithms, to build a tool for facilitating team building in Universities and skill evolution tracking for students.

This solution will help create well balanced teams and give the students an overview of ther current skills, and how to develop them, by using AI to automatically create reports on team behaviour , and create teams based on the results of behavioral tests .

The success of the solution can be measured through the success of the students and the workflow of the teams.

The challenge owner will be able to analise the profiles of students and better understand how to adapt the courses to the students needs.

Solution context

How can a person change or evolve his/her individual profile throughout time? Having in consideration that this is useful both for academia as well as organisations for example, how to develop a student's profile in a short period project or course, or in a long academic path, using Artificial Intelligence? The main goal of this challenge is to enhance and develop a solution to tackle the skills, behaviours, and attitudes that people demonstrate when they are working in group in order to determine profiles (Persona) of individual skills and performance.

Solution target group

Our target group is the students and also the universities.

The students will have records and overviews of the evolution of their skills, personalized suggestions on the development of skills needed to achieve their goals and the universities will have better working teams of students.

Solution impact

The impact of our solution is in the students ability to know their worth and valuable skills, and how to develop them to be how they want and dream to. And this of course is measure through their personal and academic success.

Solution tweet text

A tool to help you understand yourself better and improve your skills.

Solution innovativeness

Our solution integrates variouys systems and theories and test, and in the market , their cannot be

found similar solutions using AI and all of this data crossing.

Solution transferability

Our solution can easily be transfered to the bussiness world, through the change in the roles, and also the timming of the rotines.

Solution sustainability

Our solution has a very strong possibility of being implemented because the tests that we integrate also were made in other schools, but with our solution this implementation will be much more complete and with a bigger and better volume of data.

Solution team work

Our teamwork went brilliantly , we will for sure keep contact and work in other projects together.