Closing The Digital Gap

Personalized learning environments

To build an app for personalized learning, using the users' information. The app will gather necessary data for artificial intelligence such as face recognition, voice recognition and finger print for digital natives.

Team: DigiLearn

Team members

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Solution Details

Solution description

To build an app for personalized learning, using the users' information. The app will gather necessary data for artificial intelligence such as face recognition, voice recognition and finger print for digital natives. As digital natives have different preferences than digital immigrants, the app will help them enhance their learning. To measure the solution half of the digital natives group will be given a traditionally created app and the others this personalized app and the results will be evaluated. Because the app will be according to the digital natives' preferences it will increase their motivation and autonomy.

Solution context

What is the problem you are facing?

Existing system's not meeting the needs of digital natives thoroughly.

What is the challenge that you are solving?

-Learning materials are mostly for digital immigrants however digital natives have different preferences of these learning materials in terms of design and use. Such as:

Craving for speed and inability to tolerate slow-pacedenvironment

Desire or perceived need to multitask

Pictures are in texts are out

nonlinear information process

Actively involve in learning

Learn and fun

Immediate feedback

Solution target group

Who is the target group for your solution?

-University students and adults

Who will this solution affect and how? How will they benefit?

The solution will affect digital natives.

-Improve their effectiveness

-Let them have interactive and permanent learning

-Energic and dynamic learning process.

Solution impact

Personal needs and preferences are considered so the expected impact will be massive.

Solution tweet text

In a changing and transforming society, providing up to date knowledge meeting the needs of digital natives in and online artificial intellegence (AI) supported learning enviornment.

Solution innovativeness

Finger print, voice and face recognition make the app different. Similiar apps are available but the recognition feature makes it original.

Solution transferability

Yes it can be transferred to other contexts because the basics of the application are personal needs.

Solution sustainability

As the solution will be up to date with the help of AI its long term use is possible.

Solution team work

We worked very well. Yes we would like to work in the future.