



ARPANET

Technology as a tool for better education

Education is the most powerful weapon which you can use to change the world.

- Nelson Mandela

Problem Statement

ARPANET

INICIAR →

Attention of students during class

The attention provided during a class, seminar or virtual session is of utmost importance to ensure maximum understanding of the topic taught. In turn, it is one of the greatest challenges of virtual interactions.



Our Solution

Guarantee participation through analytical reaction / interaction of the participants



Methodology

Through the Cloud and Artificial Intelligence algorithms, we offer a way to improve the teaching methodology and interaction of those involved.



App

Extensión



QS Latin American Rankings 2022

With the use of ARPANET, the UTP could show an increase in the following indicators:

- Academic performance.
- University reputation.
- Technological innovation.

Technologies used



Facial Recognition

We use the services offered by Microsoft Azure (Microsoft's public cloud).



Face Detection

By using the Face API service, ARPANET guarantees to detect student faces.



Emotion Analysis

Using Face API, ARPANET allows to measure the facial reactions of the students to determine the degree of attention during the class.



Data Storage

Using the Storage Account service, ARPANET stores and compares data in the cloud, thus increasing the security and access to information.

Implementation



Prototypes



ARPANET DEV TEAM



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