Academic Follow Up

Students

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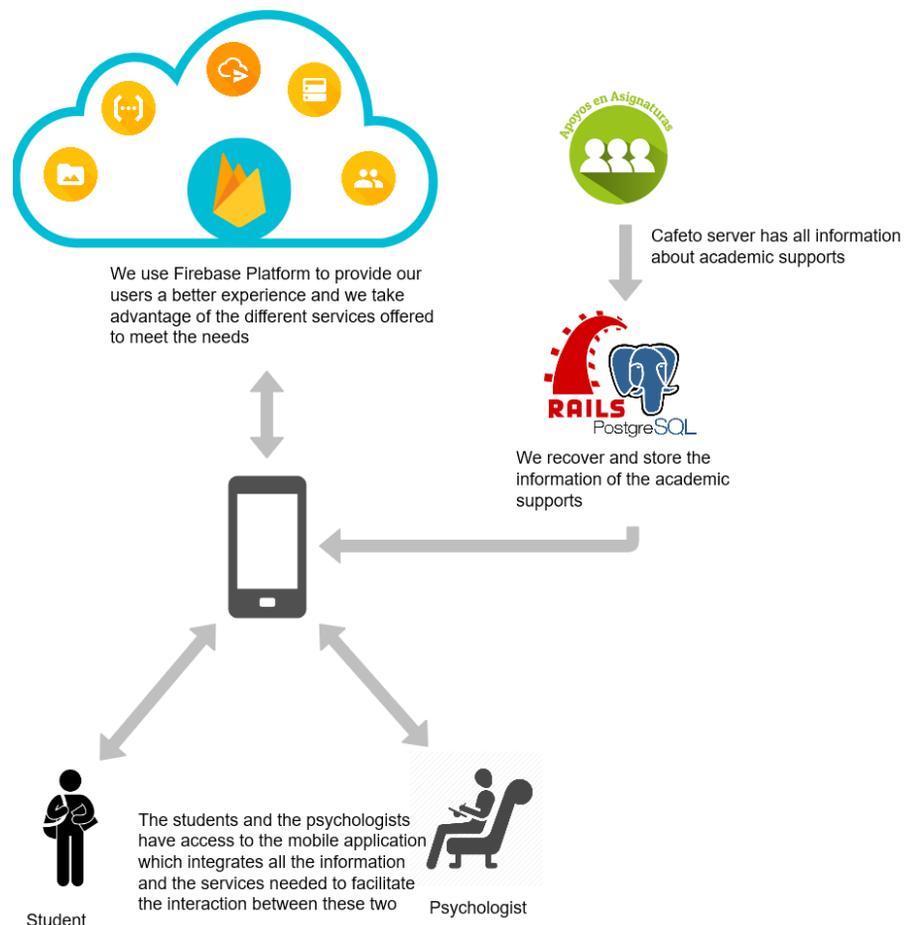**Samuel Polo**

Tutors

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In the Universidad del Norte, the cases in which students have an average of 3.25 or lower are prone to have the status "Out of Program". This population is of special interest to the university due to the risk of dropping out due to low grades. In these cases students have difficulty finding help or assistance to improve their academic situation such as controlling or changing their behavior with respect to their subjects.

In these situations, the CREE, requests the dependence that is responsible for doing the academic follow-up as students require a system that facilitates the attention to these last ones given that some do not attend the activities scheduled by the CREE to overcome the critical fringe.

We use Firebase Platform to provide our users a better experience and we take advantage of the different services offered to meet the needs

Cafeto server has all information about academic supports

We recover and store the information of the academic supports

The students and the psychologists have access to the mobile application which integrates all the information and the services needed to facilitate the interaction between these two

Student

Psychologist

In this project, the design and implementation of a mobile application as a prototype that serves as a tool for the control and supervision of the students of the critical strip by the psychologists of the CREE. Our proposed solution is a multiplatform mobile application that has different modules for students, such as: academic support, instant messaging with the psychologist, academic states, among others.

The project was treated as a prototype because some modules to be carried out were already being implemented in the new SARA 2 system, however, the modules worked on in the project could be used in a review of the existing Uninorte application. The information of the academic supports is extracted from the Cafeto server with technologies such as Rails and PostgreSQL to store the information. We rely on the Firebase platform to take advantage of the different services offered and provide our users with a better experience.

Usability tests and application functionality were carried out with different students and most of them were satisfied with the interfaces and functionalities of the project.