

## **Definition of requirements**

### **Main objective**

Build a software system capable of reducing the lack of information for the new students of the UADY's Mathematics Faculty.

### **User Profile**

Students of the UADY's Mathematics Faculty. with an average of 18-22 years old who study any of the first 3 semesters, which presents difficulties obtaining information related to the faculty.

### **Scope and limitations of the project**

#### **Scope**

1. The users will be the UADY's Mathematics Faculty students, focusing on the students who are studying the first three semesters in the faculty.
2. The main media outlet will be the faculty's student council.

#### **Limitations**

1. The system will not register nor enroll in courses or scholarships.
2. The system will not work as a means of communication with the faculty authorities.

## Functional Requirements

Requirements Definition	
<b>RF01</b>	<b>Provide the information</b>
Priority	High
Description	The system will provide the user with hyperlinks to the websites required to carry out processes, registrations, and procedures.
<b>RF02</b>	<b>Provide the sketch document</b>
Priority	High
Description	The system will provide a PDF document with the faculty sketch when requested by the user.
<b>RF03</b>	<b>Provide the current school calendar</b>
Priority	High
Description	The system will provide a PDF document with the school calendar when the user requests it.
<b>RF04</b>	<b>Edit and update information</b>
Priority	High
Description	The system will have the necessary tools to edit and update the contents of the system.
<b>RF05</b>	<b>Authenticate maintenance equipment</b>
Priority	High
Description	The system will validate the access of the maintenance team to the editing section of the system.
<b>User requirement</b>	
<b>RF06</b>	<b>Access to scholarships</b>
Priority	High
Description	The system will provide the information related to the scholarships published in the institutional mail and/or on the website of the Institutional Scholarship Program.

### Non-Functional Requirements

<b>RNF01</b>	<b>Sources of information</b>
<b>Priority</b>	<b>High</b>
Description	The system will use information obtained through the official sites of the faculty, which are: the website of the faculty, Facebook of the faculty, institutional mail, and the website of the Institutional Scholarship Program.
<b>RNF02</b>	<b>Contact Information</b>
<b>Priority</b>	<b>Medium</b>
Description	The system will use the information from the directory of the mathematics faculty website and should additionally include brief explanations about the functions of each authority in the faculty.
<b>RNF03</b>	<b>Updating information</b>
<b>Priority</b>	<b>High</b>
Description	The system should be updated by the maintenance team to have the latest information regarding the official media.
<b>RNF04</b>	<b>Quick Access</b>
<b>Priority</b>	<b>High</b>
Description	The user will be able to access the information found in the system with minimal interactions.
<b>RNF05</b>	<b>Public access</b>
<b>Priority</b>	<b>High</b>
Description	The system shall allow free access to the information in the system.