Requirements Document – Academic Management App

1. Introduction

1.1 Purpose:

The process of managing information required in an academic environment is time-consuming activity. In order to produce and manage this information, using a dedicated software application is from far the best solution.

1.2 Intended Audience: The audience will consist of students, teachers and administrative staff of the university.

1.3 Intended Use: The System will keep track of information for each student starting with

the first undergraduate year and finishing with the last one or with the last master year.

Each faculty may have different specializations both for the undergraduate and master's degrees.

a student is enrolled in one of these.

Each faculty year will have a contract of studies, a curriculum (list of mandatory disciplines + 1

optional discipline).

1.4 Scope: The app's scope is to facilitate the information flow between each component of the faculty. In addition, it centralizes all data regarding people, courses and everything in between.

2. Overall Description: The application will be a modern way of processing and managing any information regarding the university and anyone involved in it, in one way or another. It will allow users to do simple tasks in an easy and intuitive way, without losing precious amounts of time.

3. System Features and Requirements

3.1 Functional Requirements:

The system should:

• allow its users (students, teachers and faculty administrative staff) to sign in using a unique username and a password

• allow its users to have a profile and upload their personal information to it

• logout of the system

Students should be able to:

• enroll to a year (or at most 2 years) of study to a faculty

• view the curriculum for the year of study, consult the list of optional courses and specify their preferences in decreasing order for the optional disciplines

• get assigned to an optional discipline

• sign the contract of studies (that contains the curriculum) with the faculty at the beginning of the academic year

• view their grades for each discipline

Teachers should be able to:

• propose a list of maximum 2 optional courses for the following academic year

• 1 teacher per faculty will be the chief of the department

• view & approve the final list of optional courses

• specifies the maximum number of students for each optional course

• view the teacher (discipline) with best or worse results obtained

• view the disciplines given by a teacher in a semester or in an academic year

• add grades for each student enrolled in their class (both mandatory and optional classes)

Faculty administrative staff should be able to:

• ask and print different documents like:

• the list of students from each group ordered by their professional results

• the list of students from each year ordered by their professional results or complying with some criteria like the average mark included in an interval, a.s.o.

• at the end of each semester, view students classified in decreasing order of

obtained results. This classification together with the funding level is used to

decide studying grants.

3.2 External Interface Requirements: The information should be easily readable even on mobile devices.

3.3 System Features: The user would only need an internet connection and a browser.

3.4 Nonfunctional Requirements: Any person that wishes to use the app should have the credentials given by the university.