Requirements Document

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Requirement title** | **Requirement description** |  |
| 1 | Log in | allow its users (students, teachers and faculty administrative staff) to log in using a unique username and a password. If the credidentials correspond to an user in the database, proceed to the corresponding page (considering the role). If not, an error message is displayed. | Common |
| 2 | User Profile | allow its users to have a profile with personal information.  This includes the full name, cnp, age and id |
| 3 | Update user profile | allow its users to upload their personal information to it.  The user can only modify the firstname, lastname and age |
| 4 | Logout | alow users to logout from their account and is taken to the login page. |
| 5 | Enrol to a year | allow student to enrol to a year (or at most 2 years) of study to a faculty. A list with possible years is shown and the student is able to select at most 2 of them. | Student |
| 6 | View curriculum | allow student to view the curriculum for the year of study |
| 7 | Consult optional courses | allow student to consult the list of optional courses |
| 8 | Specify preferences of optional courses | allow student to specify their preferences in decreasing order for the optional disciplines. The user can add similary to a shoping bascket his preferences in order (drag and drop to reorder) |
| 9 | Get assigned to an optional discipline | students should be automatically assigned to the optional discipline after the registration deadline is done. This should be done automatically when the staff press the “Attribute courses” button. |
| 10 | Sign contract of studies | allow student to sign the contract of studies (that contains the curriculum) with the faculty at the  beginning of the academic year. The student is able to upload the file in the registration period |
| 11 | View grades | allow student to see the list of grades for each discipline |
| 12 | Propose optional course | allow teacher to propose a list of maximum 2 optional courses for the following academic year. It should include the name, number of credits and a short description of it. These courses will be added to the database. | Teacher |
| 13 | View optional courses | allow chief of the department to see the list of proposed optional courses |
| 14 | Approve optional courses | allow chief of the department to approve the final list of optional courses by selecting the desired courses and clicking the button. |
| 15 | Specify number of students | allow chief of the department to specifies the maximum number of students for each optional course. When the chief selects a course, its information is displayed and you can modify that number. |
| 16 | View results for teacher | allow chief of the department to view the teacher with best or worse results obtained. This allows to the chief to see the top 3 best/worst disciplines by average. |
| 18 | View disciplines by teacher | allow chief of the department to view the disciplines given by a teacher in a semester or in an academic year |

|  |  |  |  |
| --- | --- | --- | --- |
| 19 | Add grades | allow teacher to add grades for each student enrolled in their class (both mandatory and optional classes) | Administrative Staff |
| 20 | Print sudents by results from groups | allow the administrative staff to print the list of students from each group ordered by their professional results |
| 21 | Print students by results from year | allow the administrative staff to list the students from each year ordered by their professional results |
| 22 | Filter students by some criteria from year | allow the administrative staff to filter the students from each year complying with some criteria like the average mark included in an interval |
| 23 | View students at end of each semester by results | allow the administrative staff to at the end of each semester, view students classified in decreasing order of  obtained results. |
| 24 | Decide studying grants | allow the administrative staff to establish the studyin grants using the results at the end of the semester together with the funding level. Considering the student grades and the value of the grant/month, establish the number of grants given. |