**Requirements**

**System**

* allow its users to sign in using a unique username and a password
* allow its users to have a profile and upload their personal information
* logout of the system
* display and perform actions under 5 seconds
* generate documents within 20 seconds
* a user’s data cannot be modified by another user
* able to restart after failure
* back-up data and recover data
* generate crash logs

Functional Requirements

1. General User
   1. Sign in using an unique username and a password
   2. View and edit profile
   3. Log out
2. Student
   1. Student Enrollment
      1. Enroll to a valid year
      2. Provide valid documents
      3. Enroll to at most 2 years of study to a faculty
   2. Curriculum
      1. View curriculum of enrolled year
      2. Add optional courses to curriculum
      3. Sign educational contract
      4. View grades
3. Teacher
   1. Optional Courses
      1. Propose at most 2 optional courses
      2. View proposed courses
   2. Grades
      1. Grade a student
      2. View student grades
   3. Chief of Department
      1. Optional Courses
         1. Approve proposed courses
         2. Specify maximum number of students
         3. View academic statistics
4. Faculty Staff
   1. Administrative
      1. Retrieve academic details of students