Use Case specification:

The university wants to implement a portal for its students and staff. Using this system a student can view details related to available courses, curriculums or various other activities within the university (for example sporting events). In order to do this the student has to login using his username and password. He has five attempts to enter his credentials. Failing on the fifth attempt will determine the system to temporary lock the account; the student can try to login again after 24 hours. Students can also use to system to view their grades, either as an overview or for a specific subject. Just as before, they have to authenticate before performing any operation.

A teacher can use the system to view all the students enrolled for his courses. The students can be filtered by name, grades or a particular course. If the teacher detects that a student is missing from one of the courses he can manually add the respective student. The system will notify the teacher if he tries to add a student that is already enrolled to that course and immediately terminate the process. Finally, a teacher can use the system to add grades to students after an exam. Once the grades are entered the system provides statistical data and charts that can be inspected in order to understand how the exam went. For all the operations described above the teacher has to login in the system.

The system is configured by one or more administrators. They are responsible for creating the accounts both for students and for the teachers. If the account that is being created already exists the system notifies the administrator and cancels the operation. The administrators are also responsible for adding subjects to their corresponding teachers at the beginning of a new semester. Once this is done teachers will be responsible for adding the students for the respective course based on their expressed desire.