Sequence Diagram

Test Case: Student

1. Student logs in using username & password on interface
2. Inputs are checked to see if both exist in database.
3. If inputs do exist the following information will be displayed: student’s name, student’s ID, registered courses in the current semester, each exam’s score in one course, GPA calculation in the current semester.

Test Case: Administrator

1. Administrator logs in using username & password on interface
2. Inputs are checked to see if both exist in database.
3. Administrator will input student information that needs to be edited.
4. Inputs are checked to see if it exists in database.
5. Administrator will select item(s) that want to be changed.(***EXAM SCORES***)
6. Input exam grades for courses.
7. Edits will be saved in database.

Test Case: Student & Administrator

1. Student logs in using username & password on interface.
2. Inputs are checked to see if both exist in database.
3. If inputs do exist the following information will be displayed: student’s name, student’s ID, registered courses in the current semester, each exam’s score in one course, GPA calculation in the current semester.
4. Administrator logs in using username & password on interface
5. Inputs are checked to see if both exist in database.
6. Administrator will input student information that needs to be edited.
7. Inputs are checked to see if it exists in database.
8. Administrator will select item(s) that want to be changed.(***EXAM SCORES***)
9. Input exam grades for courses.
10. Edits will be saved in database.
11. Student logs in using username & password on interface.
12. If inputs do exist the following information will be displayed: student’s name, student’s ID, registered courses in the current semester, each exam’s score in one course, GPA calculation in the current semester (verifying that changes were applied by administrator).