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Internet Programming Project

STUdent transcript system

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# Project Specification

This is a Student Transcript System, designed for university students to view their personal grades, marks and rankings in modules they’re enrolled in. It is based on The British University in Egypt, with its students in mind. Admins also could use the system to insert grades for students into the database.

# Project Scope

The system offers many capabilities to students like viewing their course grades in details with the ability to sort modules based on grades, module name, module code, Pass/Fail, and ranking. Students can also select individual modules to get the average of, i.e. if a student wants to know how they fared in their favorite modules only. Students also should see how they rank overall within their peers, to get a better view of their performance. On the administrator side, the Admin should be able to input grades for students.

# Project Users

There are two types of users in the system; student and administrator. A student can only view his/her own grades, and doesn’t have access to other students’ grades or the database. An administrator can update students’ records with new grades each semester.

Each type is redirected to their desired view when they log in to the system.

# Project inputs and outputs

For students, they only input their username/password when they log in, and the output is a table of modules with grade, code, name, credits, Pass/Fail status for each module and the overall average for the modules they select.

For administrators, they input the details of the student they want to add grades to, such as name, ID, year and details of each module’s grades/average.

# Preliminary data

* Grades obtained from the university staff to be added to the system.
* Students should have initial records in the system when they enroll in the university.

# Assumptions

* Students/Administrators should obtain their username/password from the university before using the system.
* Students using the system should be enrolled in the university and have spent at least one semester in it.
* Administrators should enter the correct details for each module/student.