University Result Portal

Cognizant®

Clients

Team 2 (T2)

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Create an application to display the student exam result of each semester. The result must contain the details like subject name, credits, grade obtained, grade point, CGPA and SGPA of the particular student. The application should be able to display the basic details of the student including his CGPA.

User Stories

1. A student must be able to login to his account using his University ID number and password.
2. Student should be able to see overall result and semester wise result according to his choice.
3. If the student wishes to see semester wise result, he/she must be able to select the semester number.
4. According to the semester number selected, the result must be displayed with fields like course code, subject name, credits, points, grade and SGPA.
5. If the students wish to see overall result, all subjects their course codes, credits, grades, points and CGPA must be displayed.
   Format: Name, Branch, Semester, Subject1 marks, Subject2 marks….
   (Example: 101, ABC, CSE,1,90,99,95,84).
6. Student must be able to view only his result and details.
7. Only admin must be able to insert the details to the database.

Result Calculation Formulae:

SGPA: (Grade points * credits)/Sum of all credits

CGPA: (Sum of SGPA)/ Number of semesters

Grade	Grade Points	Range
O	10	85-100
A+	9	80-84
A	8	65-79
B+	7	60-64
B	6	50-59
C	5	45-49
P	4	40-44
F	0	<40
Ab	0	-

Database Requirements:

- Student will have unique ID number, name, phone number, parent number and blood group.
- University offers different subjects each semester which have unique course code, course name, credits and semester number in which it's offered.
- Students get enrolled to respective subjects in each semester.