

COLLEGE RESULT MANAGEMENT

PRESENTED BY:

PRATEEK G -1BM19IS117

SAMARTHA -1BM19IS219

SHREYA.K.RAJ -1BM19IS152

SUBMITTED TO:

Ms. Sindhu K
(Assistant Professor)

CONTENTS

- ▶ ABSTRACT
- ▶ INTRODUCTION
- ▶ REQUIREMENT SPECIFICATIONS
- ▶ SYSTEM ARCHITECTURE
- ▶ USER INTERFACE
- ▶ FUTURE ENHANCEMENTS

ABSTRACT

The android application developed provides a streamlined process of declaring Semester Results to students in a secure and simple manner. The application allows admins to enter the CIE and SEE marks of students , and the students can view the same, along with the SGPA for semester. There is also a CGPA calculator using which students can calculate their overall CGPA. The application has an easy and intuitive UI, for the convenience of users.

INTRODUCTION

- ▶ This application provides the students the ability to calculate their total CGPA and evaluate their semester rank.
- ▶ The application is super simple and has a confidential secured database.
- ▶ The database will be limited to non- existent.
- ▶ The application will be end to end and will cater both the institution and students.
- ▶ It provides the admin to upload results

Requirement Specifications

Functional Requirements:

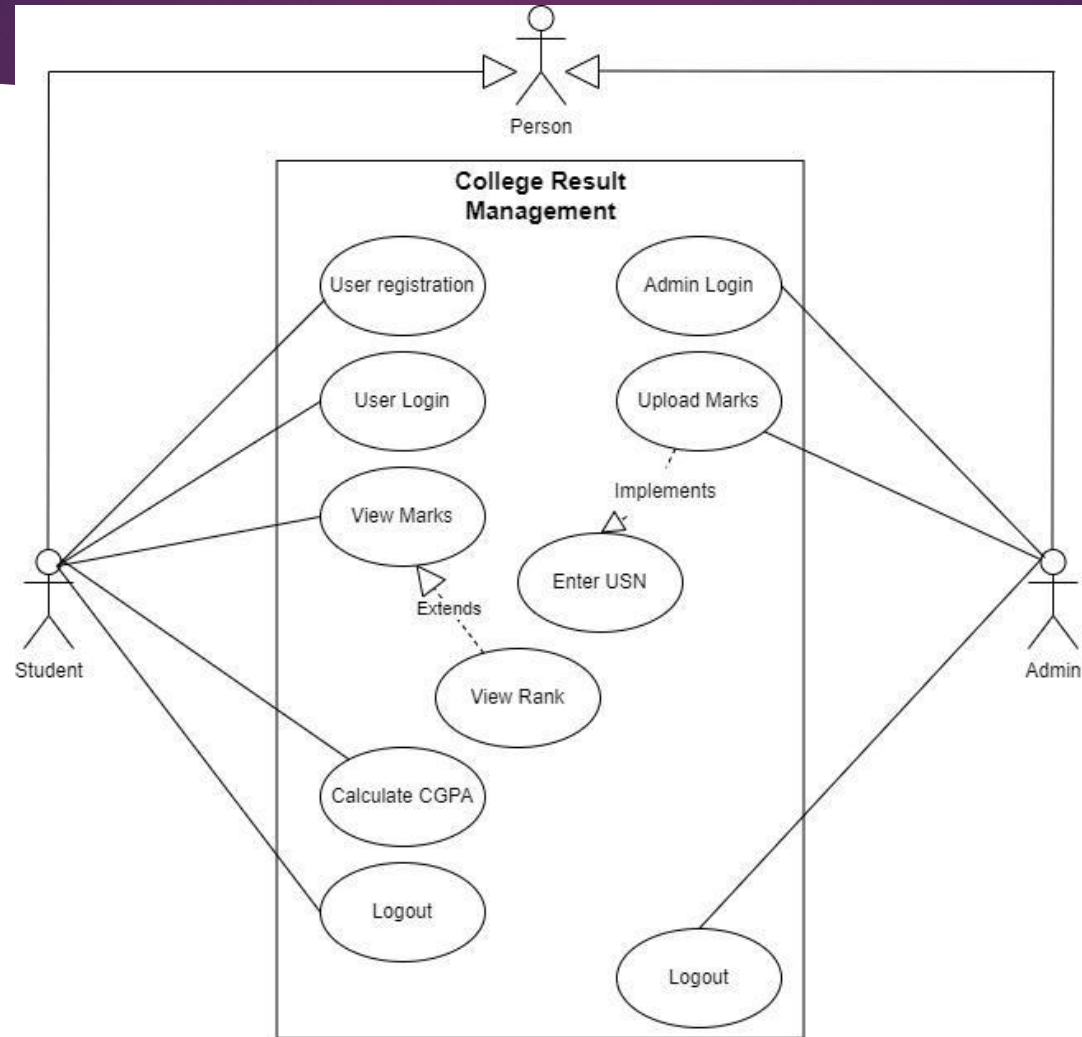
- ▶ A registered student must login with appropriate credentials.
- ▶ A new student has to sign up with necessary information, followed by logging in with the credentials set during registration.
- ▶ Admin (members of COE office) should login with appropriate credentials.
- ▶ Admin must be able to upload marks of students.
- ▶ Students must be able view their marks, grade and SGPA.
- ▶ Students must have an option to calculate their current CGPA.
- ▶ Students and Admins need to be able to Log Out.

Requirement Specifications

Non- Functional Requirements:


- ▶ The app must be available for students and admins at all times [Performance].
- ▶ Students must not be able to create admin accounts or login as admins [Security].
- ▶ The app must be easy and intuitive to use for students and admins [usability].
- ▶ The app must deliver correct results to the correct students. There must not be any mix up [Reliability].
- ▶ The app must not crash during times of heavy traffic [Reliability].

System Architecture



User Interface

19:13



Admin Login


002

LOGIN

Student? [Login here!](#)

19:13

Admin Home Page




Name: **pranisha**
Admin ID: **002**
Posting: **COE**

UPLOAD MARKS

LOGOUT

19:13

Upload Results



1BM19IS219

SUBMIT

BACK

19:14


Upload Results

Samartha S	1BM19IS219
Computer Networks	42 80
Machine Learning	45 86
Software Engineering	44 84
ADS/AI	49 94
DMG/APP	48 98
MAD	47 90

SUBMIT

User Interface

19:11



Full Name

USN

Email

Information Science and Engineering


Password

Re-enter Password

REGISTER

Existing user? [Login here!](#)
Admin? [Login here!](#)

19:11



Student Login

USN

Password


LOGIN

New user? [Register now!](#)
Admin? [Login here!](#)

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19:12

Student Home Page



Name: **Samartha S**
USN: **1BM19IS219**
Semester: **5**
Branch: **Information Science and Engineering**

CALCULATE CGPA


VIEW RESULTS

LOGOUT

User Interface

19:12

CGPA Calculator



9.0

9.4

9.1

9.4

9.0

CALCULATE CGPA

CGPA = 9.18

BACK

19:14

Samartha S 1BM19IS219

Semester: 5 Information Science and Engineering

Subject	CIE	SEE	Total	Grade
CN-1	42	80	82	A
ML	45	86	88	A
SEO	44	84	86	A
AI/ADS	49	94	96	S
DMG/APP	48	98	97	S
MAD	47	90	92	S

SGPA : 9.5

VIEW RANK BACK

19:14

Your rank for this sem is :

8

BACK

CONCLUSION

- ▶ Successful creation of a student result management android application which allows students to access their results easily and also makes it convenient to the admins to the upload results.
- ▶ It is time and memory efficient and extremely user friendly.
- ▶ It displays an alert incase of invalid credentials.

FUTURE ENHANCEMENTS

- ▶ Add a view rank option which displays the students semester rank and allows them to compare their performance with their peers.
- ▶ Add graphs to help students visualize their performance.
- ▶ Expand the app to include all branches and students of all semesters.
- ▶ Give students an option to put paper for re-evaluation from the app.