

Course: CSE-299 Section: 1 Group Number: 6

Group Members Name:

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Introduction

The Student Portal Login Panel is a C++ application with a graphical user interface (GUI) designed for student authentication. It provides a secure and user-friendly login system using frameworks like Qt or Windows Forms.

Features–

Login Interface:

- Fields for Username and Password(Hashing & Masking).
- Dashboard for Student Information
- Login, SignIn, SignUP(Account Creation), Logout
- Uses Qt for a modern interface.

Work Progress:

Previously:

- Login Window, Logout using GUI Framework

Completed:

- Dashboard(View Student Information: Students can view their submitted information in a user-friendly dashboard.

Edit Student Information: Allows students to update their details as needed)

- Adding a csv file for user's data management.
- Adding Photo path for student information

Ongoing:

- Adding CGPA Calculator
- Course Enrollment & Analysis
- Parking and Payment Management

Conclusion

The Student Portal Login Panel is a robust and secure C++ application designed to streamline student authentication and information management. Leveraging the power of the Qt framework, the application provides a modern and user-friendly graphical interface, ensuring a seamless experience for students. Key features such as secure login with password hashing and masking, a comprehensive dashboard for viewing and editing student information, and efficient data management using CSV files have been successfully implemented.