Database Documentation for Project 1:

A screen shot of a graph

Description automatically generated

High Level Requirements for Project 1

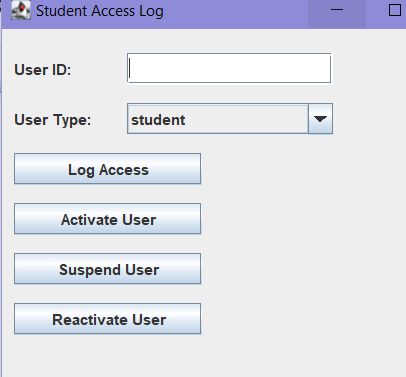
1. Implement a card reader for student ID that swipes at the lab door.
2. The system must record each student ID numbers and timestamps in a database.
3. The lab door should not open if the student does not swipe a valid student ID.
4. The record must be stored in a database for a period of 5 years.
5. The system must create a GUI for authorized personnel to access lab entry history.
6. It should allow the admin to filter by date, student ID and time range.
7. The system must be designed to accommodate multiple users such as students, faculty, staff, janitors.
8. It must also allow the admin to activate, suspend and reactivate user ID.

A screenshot of a computer

Description automatically generatedScreenshot of Code Running:

A screenshot of a computer

Description automatically generatedA screenshot of a computer error

Description automatically generated

A close up of numbers

Description automatically generated