Develop a program that simulates LeopardWeb, featuring multiple users Student, Instructor, and Admin; Each with specific access permissions to interact with a shared database. The system should include a graphical user interface (GUI) to allow users to navigate and perform actions appropriate to their role.

For the data base we will be using the SQLite that will help us integrate the database for the all the courses, names of all members on campus, and ID's. next we need to add a library for the GUI (Graphical User Interface) that can help us make the interface for the user simple and neat, for this we will be using a library called wxWidgets or Qt.

Develop the main logic like the classes and objects which includes Base class as Users, Sub classes as Students, instructors, Admin, and Make sure that the user can input there first and last name Aswell as their ID number. Then integrate the database which will keep track of all the information like add/drop courses, Student/ faculty names and IDs. The GUI will be then created once all the backend stuff has been made and then integrated into the system once everything starts to work.

Validation will ensure that the system functions correctly and that all components are working as intended. The validation process includes:

- Testing user login functionality for each type of user (Student, Instructor, Admin)
- Verifying that each submenu is accessible and functions properly for its respective user role
- Testing course search, add/drop, and schedule printing features
- Checking that the GUI updates reflect database changes
- Running tests for invalid inputs (e.g., incorrect ID, duplicate course registrations) to ensure proper error handling
- Full end-to-end testing to confirm that all integrated components (logic, database, and GUI) work together smoothly