Project Title: Learning Management System

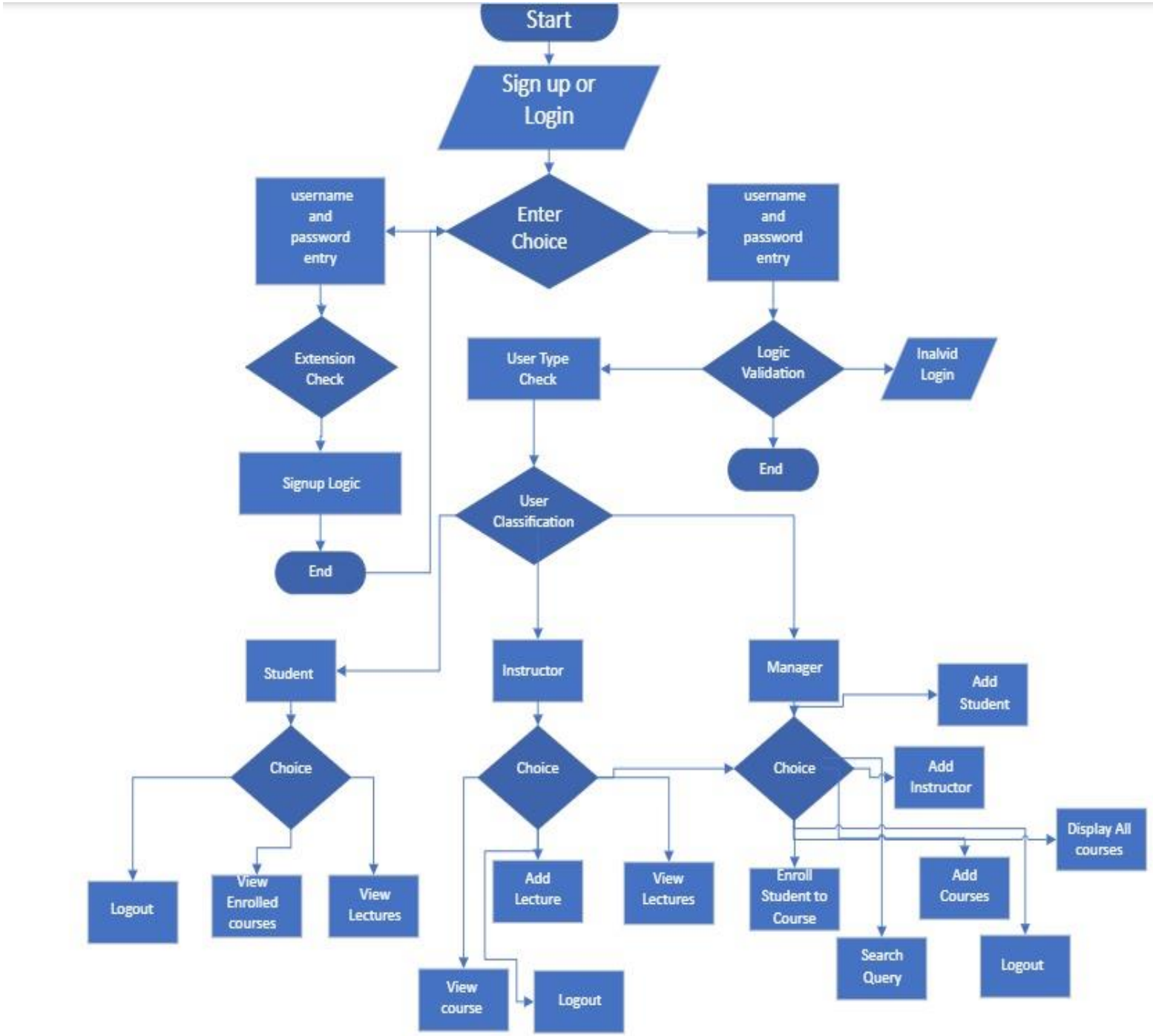
Presented By: Ibraheem Hasnain

Agha Mushaf Raza

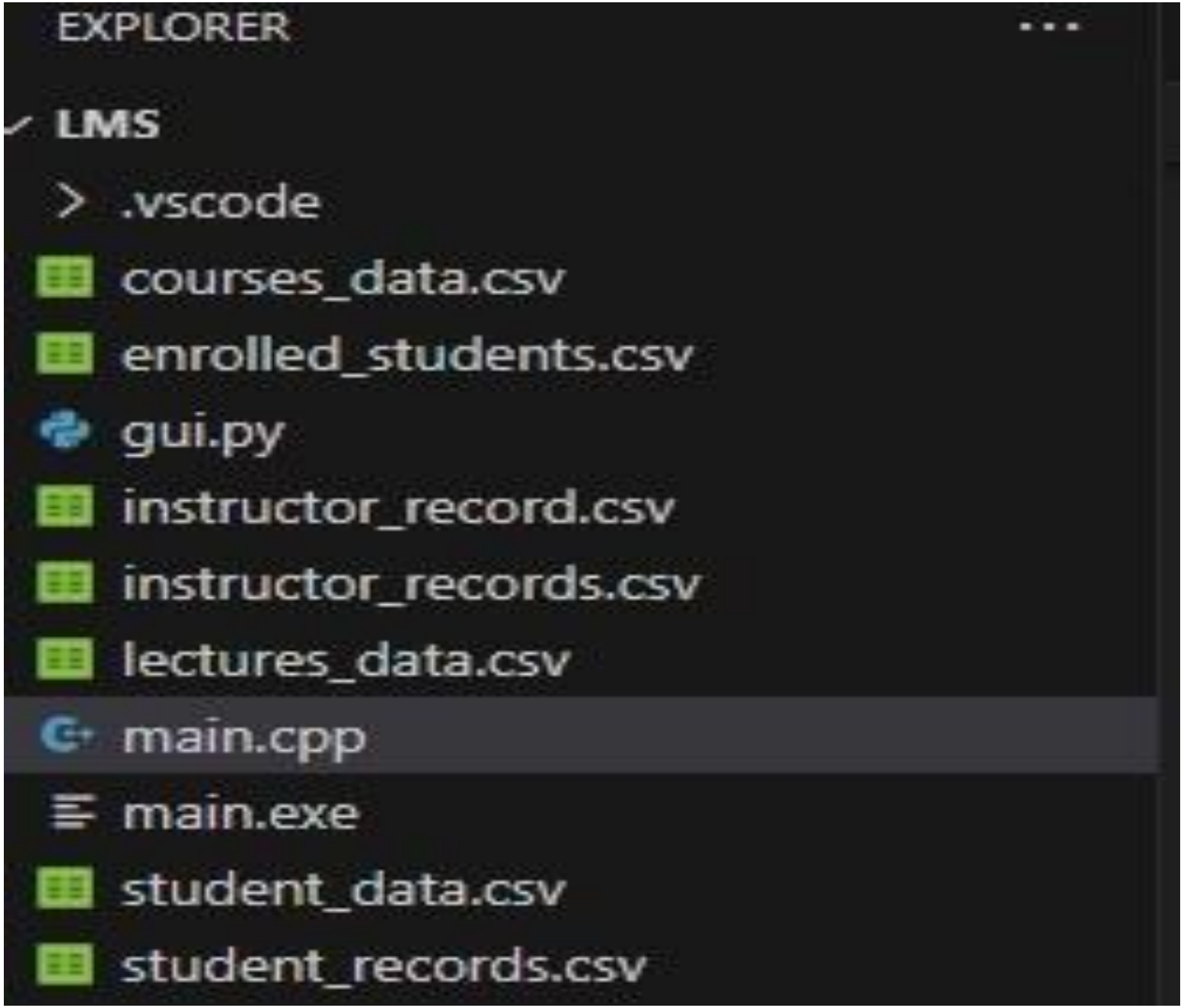
Key Features of the Project

- To design a simple learning Management System using Basic Object Oriented Programming and File Handling.
- User Authentication and Authorization.
- Student and Instructor Management.
- Course Management.
- Error Handling and Input Validation.
- Testing and Debugging.

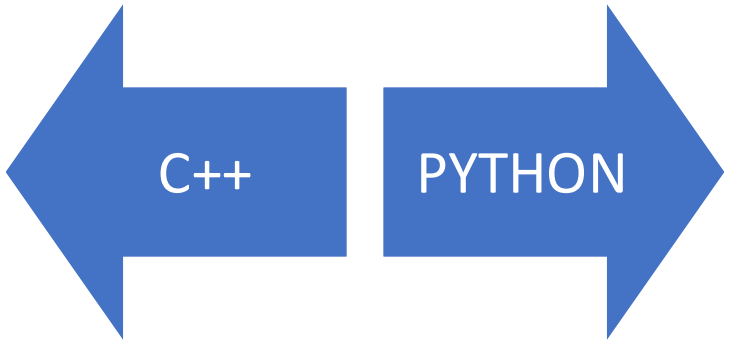
Schematic Flowchart



Folder Tree


EXPLORER
LMS
.vscode
courses_data.csv
enrolled_students.csv
gui.py
instructor_record.csv
instructor_records.csv
lectures_data.csv
main.cpp
main.exe
student_data.csv
student_records.csv

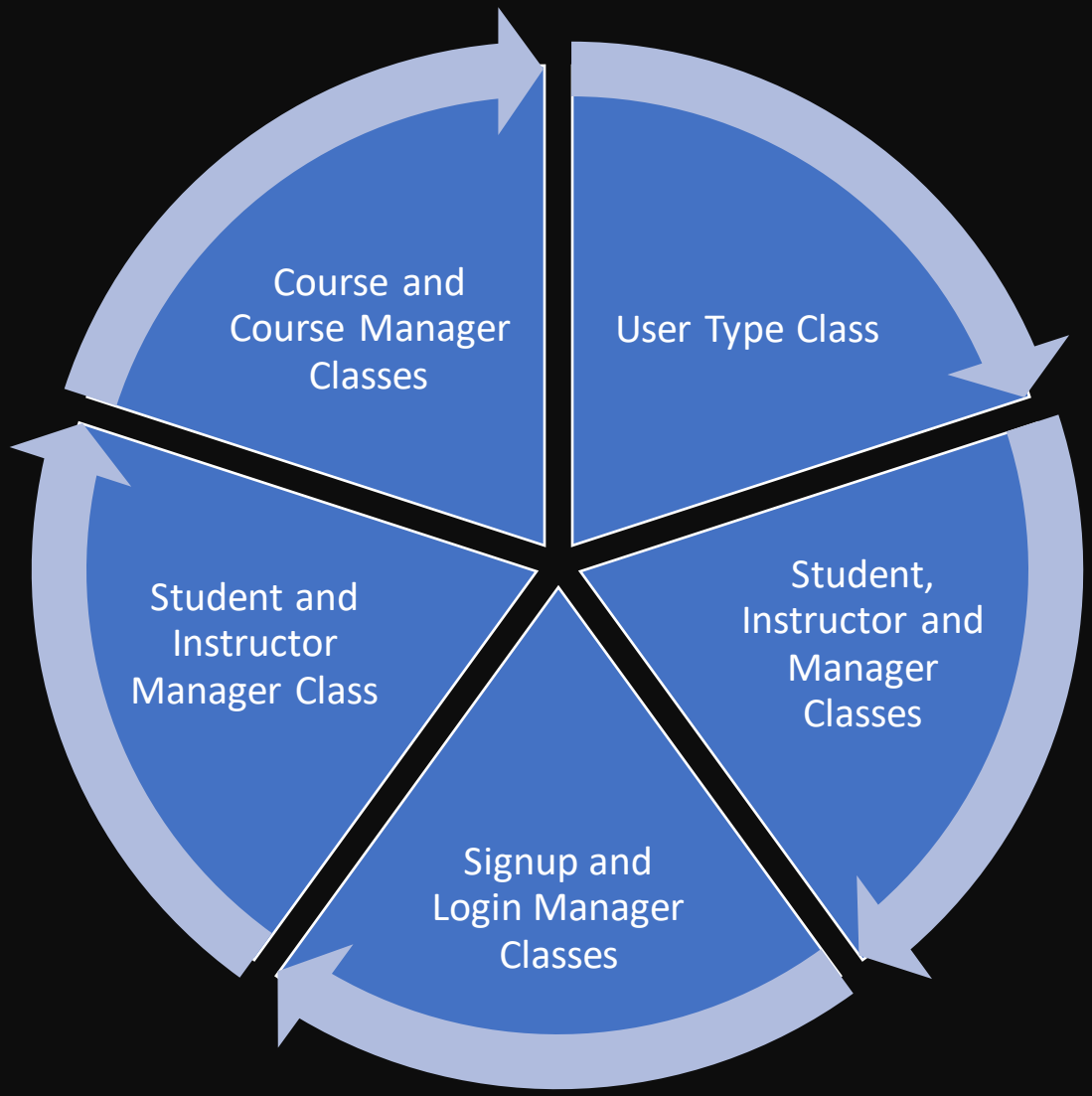
Languages



Libraries

- **Iostream**
- **Fstream**
- **Vector**
- **String**
- **Sstream**

Classes Structure



Github Link:

- https://github.com/SeverusSnape143/Learning_management_system.git

Thank You