

Computer Science Course

“Final Project Submission”

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Presented to Hsoub Academy

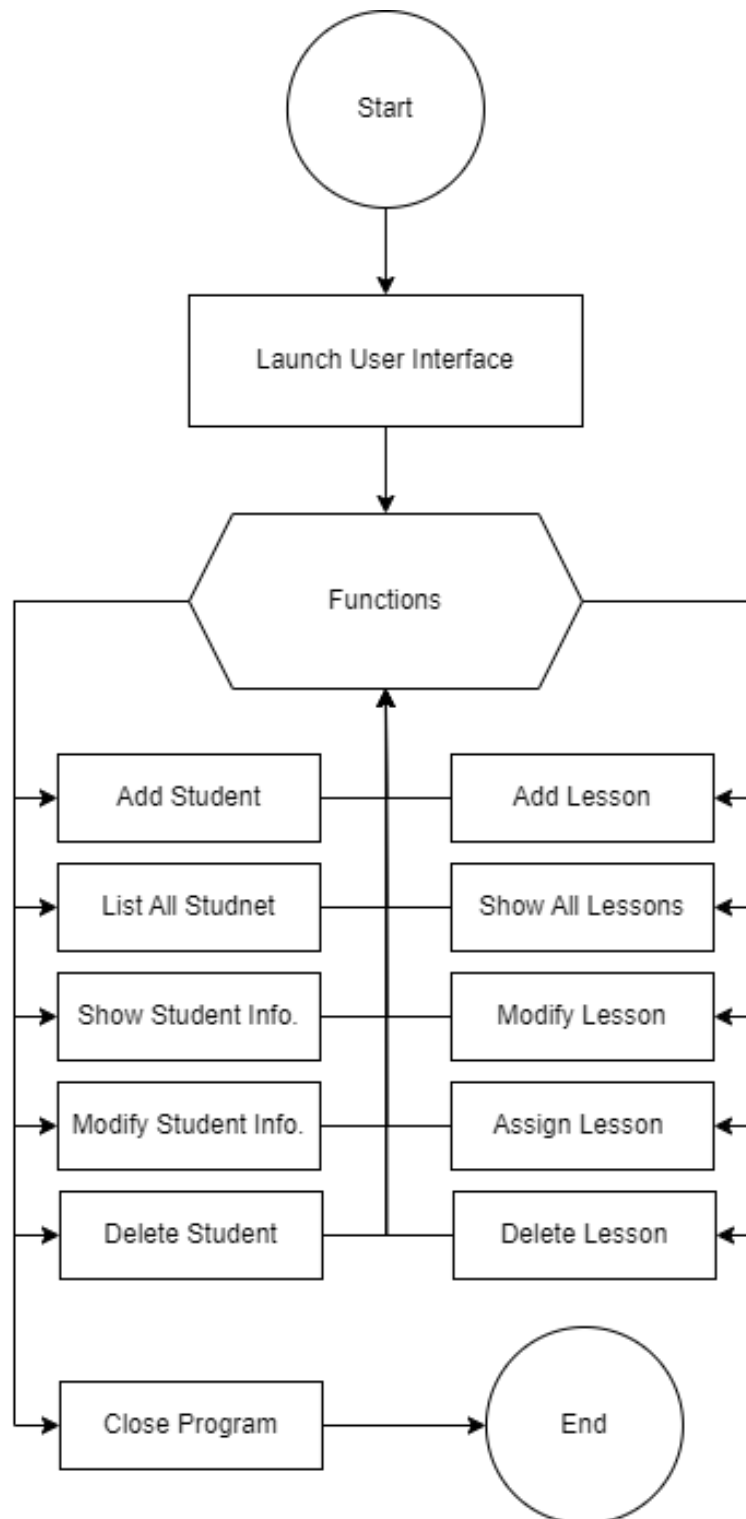


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GitHub Link:

<https://github.com/M-Itair/ShareWithHsoub-FinalProject.git>

The Flowchart



The Pseudocode

“Student-Related Operations/Functions”

Function AddStudent

Prompt for student details (ID, name, age, grade, enrollment date)

Validate inputs

If valid, insert student into database

Display success message

End Function

Function ListAllStudents

Get all students from the database

Display each student's ID, first name, last name

End Function

Function ShowStudentInfo

Prompt for student ID

Get and display the student's details from the database

End Function

Function ModifyStudentInfo

Prompt for student ID and new details

Validate new details

Update student in database

Display success message

End Function

Function DeleteStudent

Prompt for student ID

Delete student from database

Display success message

End Function

“Lesson-Related Operations/Functions”

Function AddLesson

Prompt for lesson name

Validate input

If valid, insert lesson into database

Display success message

End Function

Function ShowAllLessons

Get all lessons from the database

Display each lesson's ID and name

End Function

Function ModifyLesson

Prompt for lesson ID and new name

Validate new name

Update lesson in database

Display success message

End Function

Function AssignLesson

Prompt for student ID and lesson ID

Assign lesson to student in database

Display success message

End Function

Function DeleteLesson

Prompt for lesson ID

Delete lesson from database

Display success message

End Function
