

CS381-L Software Engineering Lab 03

Type of Lab: Close Ended

Weightage: 5%

CLO 2: Implement, in a programming language, an executable solution to a given problem using best practices.

Implement, in a programming language, an executable solution to a given problem using best practices.	Cognitive/Apply	CLO2	Rubric A
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CLO 5: Comply with Plagiarism Policies.

Comply with Plagiarism Policies.	Cognitive/Understand	CLO2	Rubric B
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Rubric A: Cognitive/Apply

CLO2	0	1	2	3	4
Implement, in a programming language, an executable solution to a given problem using best practices.	Student could not complete the task	Student understand the problem and solution but could not write the code	Student write code but with some minor errors	Student code is giving the desired results	Student code is correct with perfect indentation

Rubric B: Cognitive/Understand

CLO 5	0	1	2	3	4
Comply with plagiarism policies.	Students copied complete code from other fellows.	Student gives his code to other students.	Students partially copied or asked the code from other fellows.	Student copied the code but clearly mentioned the part of the code that has been taken.	Student did not copy the code and did not allow anyone to copy his code.

Lab 03

CLO: CLO2, CLO5

Assignment 3

Create a database in MS SQL Server to support Lab 2.

Add Database Connectivity in Problem Set 2.

Assignment Submission:

1. Only .cs files should be submitted.
2. A script file of your database should also be submitted.

Coding Style:

- All attributes should be assigned the same data types as mentioned in problems set 2.
- Comments carefully
- Forms should have meaningful names instead of Form1, Form2, and Form3 etc.
- Controls should also have meaningful names instead of textBox1, label1 etc.

GUI:

Your GUI should have the following type of navigation.

- Main Screen

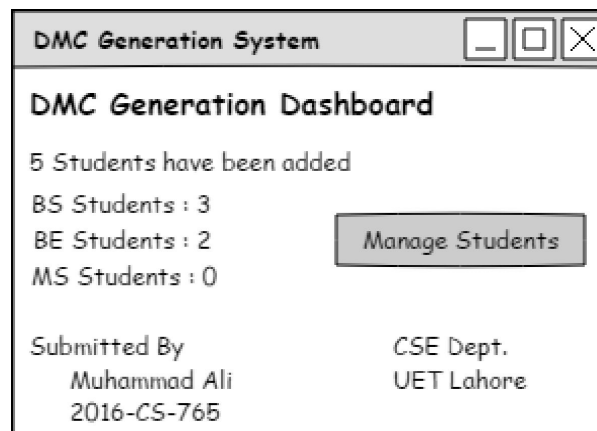


Figure 3 DMC Generation system Main screen

- Manage Students Screen

Manage Students

Students

Reg No	Name	Degree	Courses	Action
2016-CS-765	Ali	BS	4	Edit
2016-CS-465	Ahmed	BS	5	Edit
2016-CS-565	Aslam	BS	6	Edit

Figure 4 Manage students screen

- Add Student

Add Student

Name

Reg No.

Degree
MS

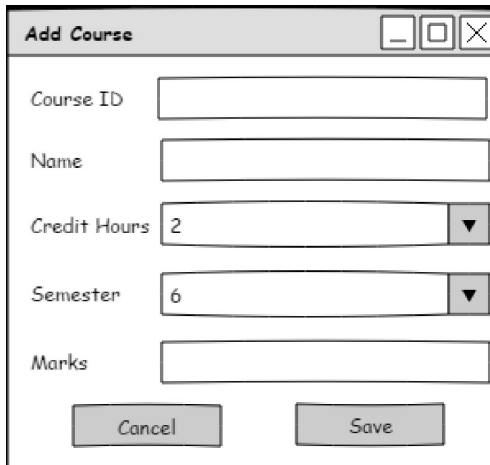
Courses

Course Id	Name	Crt. Hrs	Marks	Action
CS101L	Computing	1	30	Edit Del
CS201	Proqramming	3	40	Edit Del
CS383L	SE	2	40	Edit Del

Cancel
Save

Figure 5 Add student screen

- Add Course



The image shows a software dialog box titled "Add Course". It features a title bar with standard minimize, maximize, and close buttons. The main area contains five input fields: "Course ID" (a text box), "Name" (a text box), "Credit Hours" (a text box containing the number "2" with a dropdown arrow on the right), "Semester" (a text box containing the number "6" with a dropdown arrow on the right), and "Marks" (a text box). At the bottom of the dialog are two buttons: "Cancel" and "Save".

Figure 6 Add course screen