**Group Assignment**

**Task**:

Using the knowledge of C# gained in this course create a Student Database system for Georgian College.

Minimum Features:

* Login
* Save student information
* View previously saved information
* Put the code in a GitHub repository

As a group, you all will present the features and Demo the application Infront of the whole class on the 4th of November during your time slot.

**Expectations for/after presentation**

1. Introduction to the application
2. Features available and why you think they are important for the college?
3. Prepare a PPT to talk about above points
4. Demo the actual application

**Members**: 3

**Time duration**: 12-15mins

**Marks**: 50

**Due Date**: 4th Nov

* All the members must present
* Turn on the webcam (if not possible please inform me a day in advance)
* Marks will be allotted for individuals not as a group
* Effective/engaging delivery
* Not Adhering to the Time limit will result in marks deducted by 5 marks/minute beyond 15 min or below 12 mins
* Selected slots will be posted on Blackboard as an attachment to this Assignment post
* Submission: GitHub link, ppt
* **Submissions are individual, no submission no marks**

Webform – interface

Imp!!!

https://www.c-sharpcorner.com/UploadFile/a5f59f/how-to-create-log-in-form-in-visual-studio-and-connection-wi/

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pseudocode(program flow)

**(sort the database all the time by id)**

*(for demo – we are going to create few examples)*

1.Login –

1.1 print/button choice “Faculty”, “Student”, “Admin”

1.2 print message " Enter XXXXX Id " [id]

1.3 print “enter user password” [password]

2.Reads the value user entered by the user.

2.1 checks for invalid id(/Special charaters etc)

2.1.1 if invaild print "invalid name" else step

2.2 print / button choice “Search”, “Create”,

2.2.1 Search – print/button “search by name”, “search by email”, “search by birth”, “search by course/program”, “search by semester”(?), “search by nationality”, “search by current location”, “search by grade”

2.2.1.1 print "enter user name" [name]

2.2.1.2 print "enter user email" [email]

2.2.1.3 print ”enter date of brith” [birth]

2.2.1.4 print ”enter date of course/program” [course/program]

2.2.1.5 print ”enter date of semester” [semester]

2.2.1.6 print ”enter date of nationality” [nationality]

2.2.1.7 print ”enter date of current location” [location]

2.2.1.X.1 print/button “Display”, “Delete”, “Replace”

2.2.1.X.1.1 Display – print

2.2.1.X.1.2 Delete - print message " Enter XXXXX Id " [id] and " Enter password to confirm " [password]

2.2.1.X.1.3 Replace- print / ( drop-down )button “Switch”-name, email, birth, course/program, semester, nationality, location

2.2.1.X.1.3.1 Replace- print message " Enter XXXXX Id " [id], “Enter the content that you want to replace” [content]

2.2.1.X.1.3.2 Replace- " Enter password to confirm " [password]

2.2.2 Create- print message “provide your info’

2.2.3.1 print "enter user name" [name] – type/input/string

2.2.3.2 print "enter user email" [email] -type/input/string

2.2.3.3 print ”enter date of birth” [birth] -drop-buttonn/input/date

2.2.3.4 print ”enter date of course/program” [course/program] -

2.2.3.5 print ”enter date of semester” [semester]

2.2.3.6 print ”enter date of nationality” [nationality]

2.2.3.7 print ”enter date of current location” [location]

4.Reads the value user entered by the user.

4.1 checks for invalid names(numbers/Special charaters etc).

4.1.1 if invaild print "i