**Visual Programming – C# - Summer2020**

**Term Project**

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**General Instructions:**

1. This project replaces the Database homework
2. The project can be done in groups up to 3
3. Every group member should contribute to the project and should be able to show his/her work and answer any question about any part of the project. Grade depends on effort and contribution
4. Submit to e-learning:
5. There will be discussion to show the work [on exam day-bringing your laptop and the day after exam 9/8 using Zoom]
6. Cutoff date is 9/8
7. Any violation to PSUT ethics code will have a severe impact.

**Main Requirements:**

1. Develop and deliver a C#.Net Windows Forms project that satisfies the following requirements:
   1. You can choose any information system to build your project.

Examples: registration system, banking system, student grades, etc.

* 1. Use as much as possible of the Windows Forms Controls we have learned in class. You should be able to use controls other than text boxes and labels.
  2. Your application should have a well-designed user interface (menus, tabs, colors, images, graphics etc).

1. Connect to any kind of database (Options: SQLite, MS Access, MySql, Oracle, etc) and make sure that your application can perform the following operations:
   1. Insert a record taking values from textboxes or other controls in a form
   2. Delete a record taking the condition parameter from form control
   3. Modify a record taking the condition parameter from form control
   4. Select a group of records from database table using a condition taking its arguments form control(s). Display the output in an appropriate GUI control such as textbox, rich textbox, data grid view or MessageBox.

**Good Luck**