**Assignment # 4**

**BSSE/BSCS – Fall 2015 (Enterprise Application Development)**

**Submission deadline:** Sunday (**15-April-2018 11:00 pm**)

**Total Marks:** 100

**Concepts Learning:**

**C#, Windows Application Development in .NET**

**Note:**

1- You need to create a **private** repository “**EAD\_S18\_A4\_YourRollNumber**” on bitbucket

2- Provide access to “**bilal.shahzad@pucit.edu.pk**” and to your EAD TA bitbucket account.

3- Clone above repository on your machine.

4- You should commit your changes regularly and push your commits often to server. Make sure your bin/obj folders are marked as git “ignore”.

6- You need to update your repository link in following sheet against your roll number in **Assignment 4** column. Changes are being tracked there. Make sure your repository is **private**.

<https://docs.google.com/spreadsheets/d/1gN8m01-J2N_TBaY57tY6KzepdTQrmCHrMH3JjF23bj0/edit?usp=sharing>

CS TA: (IFTIKHAR LIAQUAT) [bsef14m034@pucit.edu.pk](mailto:bsef14m034@pucit.edu.pk) (Bitbucket ID: **bsef14m034**)

SE TA: SANA KANWAL [BCSF14M019@pucit.edu.pk](mailto:BCSF14M019@pucit.edu.pk) (Bitbucket ID:**BCSF14M019**)

**Late commits:**

Within 1 hour (after deadline): Deduction of 10% marks from obtained marks

Within 2 hours (after deadline): Deduction of 20% marks from obtained marks

Within 3 hours (after deadline): Deduction of 30% marks from obtained marks

Within 4 hours (after deadline): Deduction of 40% marks from obtained marks

Within 5 hours (after deadline): Deduction of 50% marks from obtained marks

After 5 hours of deadline: 0 Marks will be given in assignment.

Assignment Detail is available here

<https://drive.google.com/open?id=196tWD45pV8ltnkQQmvQS-sJnGBCL2Exz>

**Helping Links**

Playing with Picturebox in C#

<http://learninginurdu.pk/2017/12/30/part-9-playing-with-picturebox-c/>

Playing with DataGridView in C#

<http://learninginurdu.pk/2017/12/28/part-8-playing-with-datagridview-in-c/>

Using LocalDB with Windows Forms

<http://learninginurdu.pk/2017/12/26/ado-net-part-10-using-localdb-with-windows-forms/>

Sending email in .NET using Gmail

<https://www.youtube.com/watch?v=a_xV0PXqwSk>