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**KING SAUD UNIVERSITY**

**College of Applied and Community Services**

**CT 1411**

**Second Semester 1437-1438**

**Visual Programming Assignment**

* **Description**

Develop a simple windows form application as in the following two steps:

* + Step1:
		- Create a local Sql-Server database file in visual studio project (the details of the database illustrated in the figure below)
		- Create tables, columns, primary keys and foreign keys
		- Populate the tables with data and save them
	+ Step2:
		- Implement the following functionality ( add button for each function and read the information from the user):
			* Insert data in the data base.
			* Update data in the data base.
			* Delete data from the data base.

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* **Team**

You should work as teams with 3 girls. You should work together and know the whole code.

* **Code**

Write meaningful variables and code segments. Use comment to explain everything written.

* **Project Folder**

Your project folder should be handled in a flash drive containing your project solution and your names.

Any source that you get use should be referenced, or else will be considered as cheating.

* **Copying**

Copying from the internet is considered cheating. I don't mind learning from any source, but you have to mention your source.

* **Create Database in VB**

Learn about Creating a New SQL Server Database. Look at this useful link [https://msdn.microsoft.com/en-us/library/ms233763(v=vs.100).aspx](https://msdn.microsoft.com/en-us/library/ms233763%28v%3Dvs.100%29.aspx)

* **Deadline**

You should submit the assignment in 23/04/2017.