**National School of Business Management**

**CS 107.3 – Object Oriented Programming with C#**

**Group Assignment (Max of 10 Members)**

**Number of members: 10 members per group**

**Submission deadline: TBA**

**Assignment deliverables: Report** (TBA) *(one report per group)*

**Group Presentation** (Report submission day onwards)

**Mode of submission: Online via Nlearn**

**Assignment weight: 40 marks**

**Assignment scenario:**

**Develop a software for a manual system using .Net framework (C#)**

This assignment should include the CRUD operation (Create, Read, Update & Delete).

Software should connect to a SQL database and data should be update, retrieve, delete and create by using the application.

Minimum 8 user interfaces should be created.

**NOTE**

You are allowed to use any .NET related frameworks, designing tools and APIs if needed.

**Content of the report:**

* Introduction to the selected scenario.
* ER diagram, Class diagram, Use case diagram.
* Samples of the developed system (Screenshots with small explanation).
* Workload matrix of group members.
* Copy developed system to CD (Including database) and attached to the report.

**Evaluation criteria:**

1. Final report (30%)
2. Final Presentation (70%):

* Accuracy of the developed system
* Use of OOP concepts

**\*\*\*\*\*\*\*\***