**ENTITY FRAMEWORK ASSIGNMENT**

# Assigment-01: For Database First (2h)

1. Create a new database with named “CourseManagement” and tables as below

* Student: StudentID, StudentName
* Course: CourseID, CourseName, Location
* Teacher: TeacherID, TeacherName

Each student can join many courses and course will have more than one student. Each teacher can tech more than courses and each course will have one teacher.

1. Create Entity Data Model (EDM) for above database schema
2. Build a simple web or window form that allows the user to add new course and assign students and teacher to this course

# Assignment-02: For Code First (1h)

1. Create 2 simple classes that contain as below

* Student class: StudentID, StudentName
* Course class: CourseID, CourseName, Location

1. Using data annotation for configuration as needs
2. StudentName property is required field for Student class
3. CourseName property is required field for Course class
4. Each course will have at least one student
5. The connection was configured to create new database if not existed
6. Build a simple form so that manipulate add/update/delete student to course