**KUSYS Project:**

Using **.NET Core 6, EFCore 6** and any relational DB (*preferably* *SQLExpress*); write an **ASP.NET Core Web App** named “KUSYS-Demo” with **CodeFirst** approach.

Using this web application, users should be able to:

1. Create/Update/Delete a student,
2. List all Students and see details of a selected student in a popup.
3. Match a student with a selection of courses. (Constraint: a student can select a course once.)
4. List all Student & Course matchings

**Example Objects:**

**Student**; StudentId, FirstName, LastName, BirthDate

**Course**; CourseId, CourseName

….

Course List

|  |  |
| --- | --- |
| **CourseId** | **CourseName** |
| CSI101 | Introduction to Computer Science |
| CSI102 | Algorithms |
| MAT101 | Calculus |
| PHY101 | Physics |

**Notes:**

* Write seed classes for the initial Courses and roles
* You can add new objects or add properties to an existing object if needed
* Do not duplicate pages or code blocks unless you have to
* Remember to write code comments
* Using a responsive design is a plus
* Writing unit tests is a plus
* **You can share your project via your github account**
* At the next technical meeting you will present a live demo and explain your code