

KUSYS Project:

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

Using this web application, users should be able to:

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

Bonus:

- By adding a login mechanism and using 2 roles (Admin, User):
 - o Admins: can do **US-1, US-2, US-3, US-4**
 - o Users: can do **US-2, US-3** (can match only herself/himself with the selected courses), **US-4** (can see only her/his matchings)

Notes:

- 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