**ASP.NET MVC TAKS**

**Detailed Requirements**

Create a university courses registration system with the following functionality:

1. The system will have 3 tabs/links (log in, sign in and manage courses)
2. A student can log in to the system and once he is logged in he will see a list of courses he is registered to and a list of courses he can register to. If it’s a new student he can sign up to the registration site with an email & password.
3. By clicking a course that he is not registered to, a course registration confirmation popup will open as a popup/modal dialog with 2 buttons (ok/cancel). If the user press ok only the registered courses list will be updated (both in the application data storage & UI).  
   If the user trying to register to a course he is already registered an error message will appear as a popup/modal dialog.
4. On the manage courses allow any student to add/edit/delete courses (to prevent more complexity no need for the student to have an administrator privileges)

**Development Requirements**

1. Design the system prior to developing it to fit testability, reusability, performance, multithreading (Tiers/Interfaces/models etc…)
2. Make sure that your design follow the MVC pattern (separation of concerns)
3. Design the system’s database (create a small default set of courses/students and registered courses for students)
4. When possible make Ajax calls.
5. Passing data with JSON is an advantage
6. Start the development with an empty ASP.NET MVC template