

Internship Intro Project

The project will be based on Microsoft's tutorials in creating and implementing a new MVC 6 project utilizing the new ASP.NET Core 6, EF Core and C# 10 programming language. Please read through the document and pages provided carefully, it may save you some headache.

Link to tutorial project: [Get started with ASP.NET Core MVC | Microsoft Docs](#)

The project must follow the following standards:

- Must use Github source control from beginning to end and project should be public to see. The main branch should always have a working build of the project.
- Each section of the tutorial should have its own branch and don't commit from the Main branch after initial creation, send pull requests.
- No copy and pasting, when the tutorial calls for adding code. Manually type it.
- Use PascalCase and camelCase naming conventions, stay consistent.
- Comment your code. A function or class should always be clear on what its job is.

Addons:

- Add on to the existing project after first tutorial completion with [Tutorial: Get started with EF Core in an ASP.NET MVC web app | Microsoft Docs](#)
- Require basic Authentication via Scaffolding. [Overview of ASP.NET Core Authentication | Microsoft Docs](#)
- Use role-based Authorization and add two custom roles with different permissions to pages. [Overview of ASP.NET Core Authentication | Microsoft Docs](#)
- Create three new pages to project. What those pages have and contain are entirely up to you. Must implement everything used above to prove what you've learned.

Due Date: Three weeks after receiving

Note: It is fine if you are not able to complete the project, this is to assess your ability to learn and adapt to new projects and tasks quickly and effectively. As well as maintaining quality in the work given.