**[Website Components]**

ASP.NET Core Model View Controller

C# Microsoft

SQL Server Database

Azure File Storage

**[Description]**

Feature complete website forum built with ASP.NET Core MVC with Microsoft SQL Server database back end. Included Azure file storage and app deployment.

**[VERSION 1.0.0] Initial Commit**

Defined various Database sets as view model classes for the Website. Built up Entity framework for Object Relational Mapping to allow for the interaction of all the data within the database (ApplicationDBContext.cs).

**[VERSION 1.0.1] Add Service Layer**

Added an application service layer that calls upon the SQL database in order to present the data to the webpage

**[VERSION 1.0.2] Add Forum, Post Models and Post Service**

Injected data using Microsoft SQL to test the Forum implementation, added models for posts as well as the service scripts to call upon and present its various attributes

**[VERSION 1.0.3] Add Post Service and Forum Views**

Implemented the "Forum Topic" view and added post service implementation to call upon posts within the topics. Added additional create new post action within empty Topics (Note no create action or Post Controller created as of yet so functionality redundant)

**[VERSION 1.0.4] Add Post Controller and Service Methods**

Added functionality with create new post controller and service methods to implement the data

**[VERSION 1.0.5] Create "New Post" Form and View**

Added "Latest Post" view to display the most recent created posts on the Home Index. Added create post functionality within forum topics for users to create their own posts.

**[VERSION 1.0.6] Update PostService, HomeController & Nav**

Updated home page navigation view, with redirect functionality to Forum Listing & User profile. Added separate Admin capabilities to create new forums and view users. Implemented Login and Register functionality.