Activity 1

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CST-250

6/26/2023

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# Part 1

A screenshot of a computer

Description automatically generated with medium confidence

Figure 1 Changed the default content of the Privacy.cshtml file.

A screenshot of a computer program

Description automatically generated with medium confidence

Figure 2 Debugging, showing the break point as well as the variables.

This activity explored the foundational elements of setting up a .NET MVC application using Visual Studio. Key concepts such as downloading and installing the latest version of Microsoft Visual Studio Community Edition, creating an ASP.NET Core Web Application project, and understanding its file and folder structures were demonstrated. The lesson explored the process of setting up the initial content of the project, including selecting the Web Application (Model-View-Controller) template and configuring aspects like HTTPS, Authentication, Docker Support, and Razor Runtime Compilation. The process of running and debugging the application, using breakpoints to validate the code paths, and understanding how to manipulate the ViewBag object to send data from a controller to a view was also highlighted.

The assignment delved into the MVC project structure, discussing Controllers, Views, Models, and their convention-based organization within an MVC application. The activity also explored the significance of '\_Layout.cshtml' and how it functions to reference a common/shared partial View for JavaScript and CSS files. Additionally, using the @RenderBody() tag as a placeholder where the desired View content is rendered was explained. This lesson comprehensively introduced .NET MVC application setup and operation in Visual Studio.

# Part 2