**ASP.NET – Middleware Workshop**

Create a ASP.NET web application that has three menus – Home, Gallery and Stats.

The Home and Gallery menu-links are routed to the Home and Gallery **controllers** respectively, and the following Views are shown to the user when a user clicked on the Home or Gallery menu.

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

The Stats link is routed to the Stats controller and presents a summary of the number of times that a controller has handled requests from the user.

For example, in the snapshot below, the Stats page shows the user has visited the Home link twice and Gallery link four times.

A screenshot of a computer

Description automatically generated

Write a Middleware to intercept requests on the two menu-links – Home and Gallery.

Based on the URL path (which tells us the controller responsible for the request), track the number of times each controller has been invoked. You can track the numbers using a Dictionary (just inject that Dictionary to your Middleware in its Invoke method).

In the Stats controller, use that Dictionary to display the Stats page.

References

* <https://www.geeksforgeeks.org/c-sharp-dictionary-with-examples/>