Phase 4 Assessment

I have created 3 Projects

* A project for MVC application (Phase4Assessment)
* A project for NUnit Testing (UnitTestingProject)
* A project for Selenium (AutomationTestingProject)

The “Phase4Assessment” project has 3 pages called Index, Details, Order. All the screenshots for these pages are provided in the screenshots document. I am providing important code here

Calendar

Description automatically generated with medium confidence

The PizzaBO class has the following methods. These methods are later tested using NUnit.

Text

Description automatically generated

All the action methods required for this page are given in the below photo

Text

Description automatically generated

I have used 3 Tests in the NUnit to test the methods in the PizzaBO class.

Text

Description automatically generated

And all the test cases have been passed as shown in the below image.

A screenshot of a computer

Description automatically generated with medium confidence

I have used Selenium to Automate the testing process for the website. I have used Chrome Driver to use Selenium.

Text

Description automatically generated

I have installed all the software like Jenkin, Visual Studio, Git in the VM. I used Jenkins to successfully build the dotnet mvc application.

Graphical user interface, text, application

Description automatically generated

As you can see I have used Remote Desktop Connection to connect to VM generated using Azure.

Graphical user interface, application

Description automatically generated

I have used a free style project in Jenkins. I have executed the following batch commands in Jenkins.

Graphical user interface, text, application, email

Description automatically generated

Each time I build the project in Jenkins it shows output like this.

Graphical user interface, application

Description automatically generated

And the output of each build is shown in the below image

Text

Description automatically generated

I have used Azure App Services to host the MVC application as instructed by our Instructor.

A screenshot of a computer

Description automatically generated

I also used Visual Studio to Publish the website into the app service created above.

Graphical user interface

Description automatically generated

A screenshot of a computer

Description automatically generated

All the Screenshots of the website is provided in the Screenshot Document.