

Joe's Pizza Portal

Phase – 4 Course end Project

Description

Creating a Prototype for Joe's Pizza Portal Using Selenium, NUnit, and SpecFlow to Develop and Test. Deploy it into Azure VM Using Jenkins

Building an ASP.NET website comprising of the following three pages:

- Pizza selection page
- Order checkout page
- Order confirmation page

Create test suites to test the pages for end-user testing.

Background of the problem statement:

Joe's Pizza has created the UI for an online ordering portal. They want the pages to be properly tested with a testing framework using NUnit, Selenium and Specflow. The prototype will then be deployed via Jenkins to an Azure VM at scheduled intervals.

Must use the following:

- Visual Studio ASP.NET Core Project
- NUnit
- Selenium
- SpecFlow
- Windows Azure

We have been hired to perform the following tasks:

- Create an ASP.NET Core web application containing three cshtml pages:
 - A Pizza selection page which will allow users to choose which type of pizza they want to order.
 - An Order Checkout page which will show the selected pizza with quantity and pricing. Clicking on Checkout will take them to the confirmation page.
 - Order Confirmation page which will display a message with an order id, amount and the type of pizza that is ordered.
- Create a Windows Class Library project.
- Add a project reference to the first project.
- Configure NUnit, Selenium and Specflow.
- Write test cases to test the web app.
- Run the test cases using Test Runner.
- Create an Azure VM for hosting the prototype app.
- Set up and deploy it to Azure.