

Writeup

1) Open Visual Studio.

→ Create a new ASP.NET Core Web Application.

→ Add three cshtml pages for Pizza selection, Order Checkout, and Order Confirmation.

2) Windows Class Library and Testing Create Windows Class Library.

→ Add a new project to your solution for Windows Class Library.

→ Reference this library from your ASP.NET Core project.

3) Configure NUnit and SpecFlow.

→ Install necessary NuGet packages for NUnit and SpecFlow.

→ Configure SpecFlow for your project.

→ Write Test Cases: Write test cases using SpecFlow Gherkin syntax.

→ Implement step definitions using NUnit for the test cases.

→ Run Test Cases: Use a Test Runner (like NUnit Console Runner) to execute your test cases.

4) Azure VM Setup Create Azure VM.

→ Log in to Azure Portal. Create a new Virtual Machine. Install necessary dependencies (e.g., .NET Core, IIS).

5) Jenkins Setup Install Jenkins: Set up Jenkins on your local machine or another server.

→ Create a Jenkins Job: Configure Jenkins to pull your project from version control (e.g., GitHub).

→ Set up build steps to compile your ASP.NET project.

→Deploy to Azure: Use Azure CLI or PowerShell commands to deploy your application to the Azure VM.

→Integrate deployment steps into Jenkins job.

→Schedule Build and Deployment.

<https://github.com/bandikedivya/Joe-sPizza-Phaseend>