**Write up**

**This is a code tused to perform Nunit Test.**

using NUnit.Framework;  
using Phase4Assessment.Models;  
using System.Collections.Generic;

namespace UnitTestingProject  
{  
public class Tests  
{  
[SetUp]  
public void Setup()  
{  
}

[Test]  
public void Test1()  
{  
PizzaBO context = new PizzaBO();  
int expectedValue = 6;  
List<PizzaModel> pizzas = context.GetAllPizzas();  
int actualValue = 0;  
foreach(var p in pizzas)  
actualValue++;  
Assert.AreEqual(expectedValue, actualValue);  
}  
[Test]  
public void Test2()  
{  
PizzaBO context = new PizzaBO();  
string expectedValue = "Indi Tandoori Paneer";  
var pizza = context.GetPizzaById(5);  
var actualValue = pizza.Name;  
Assert.AreEqual(expectedValue, actualValue);  
}  
[Test]  
public void Test3()  
{  
PizzaBO context = new PizzaBO();  
string expectedValue = "Margherita";  
string actualValue = context.GetPizzaByName(1);  
Assert.AreEqual(expectedValue, actualValue);  
}  
}  
}

**This is a code tused to perform Selenium Test.**

using System;  
using OpenQA.Selenium;  
using OpenQA.Selenium.Chrome;  
using System.Threading;

namespace AutomationTestingProject  
{  
class Program  
{  
static void Main(string[] args)  
{  
IWebDriver driver = new ChromeDriver(@"C:\Users\11035974\Downloads\chromedriver\_win32");  
string url = "http://localhost:31273";  
driver.Navigate().GoToUrl(url);  
Thread.Sleep(2000);

IWebElement element = driver.FindElement(By.Id("5"));  
element.Click();  
Thread.Sleep(2000);  
  
IWebElement button = driver.FindElement(By.Id("buy"));  
button.Click();

Thread.Sleep(5000);  
driver.Quit();  
}  
}  
}

Graphical user interface, text, application, Word

Description automatically generated

* This is home page where admin can login to the web application and even the customer.

Graphical user interface, text, application

Description automatically generated

* This is admin login page where admin can login with his credentials and view the data of customer and perform crud operation on pizza.

Graphical user interface, text, application, email

Description automatically generated

* This is admin dashboard where admin can perform his operation.

Graphical user interface

Description automatically generated with medium confidence

* This is customer details that been visible on the admin dashboard.

A screenshot of a computer

Description automatically generated

* This is the pizza details that been added by admin and he can perform the crud operation on it.

Graphical user interface, text, application

Description automatically generated

* This is the customer login page where customer can login with their credentials and validation will be made from the database and on successful validation the customer can be route to his dashboard.

A picture containing diagram

Description automatically generated

* This is Customer dashboard where customer can view the pizza and order it.  
  Graphical user interface, application

  Description automatically generated

Graphical user interface, text, application

Description automatically generated

* This is payment page where customer can make the payment through his card.

**Graphical user interface, text, application, Word

Description automatically generated**

* This is order confirmation page .

**Project Deployed to Azure**

Graphical user interface, text, application, Word

Description automatically generatedA picture containing text, screenshot, computer, computer

Description automatically generated

Graphical user interface, application, Word

Description automatically generated

Graphical user interface, application, Word

Description automatically generated

DataBase

Graphical user interface, application

Description automatically generated

A screenshot of a computer

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A screenshot of a computer

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