Session 2023-24

Department of Computer Science & Engineering
Y.C.C.E. NAGPUR

Project Based Learning Activity (MSPA-IV)

Course: CSE-2432
LAB .NET FULLSTACK DEVELOPER

Title of the Project: Fruit and Juice Selling Website

Group Members

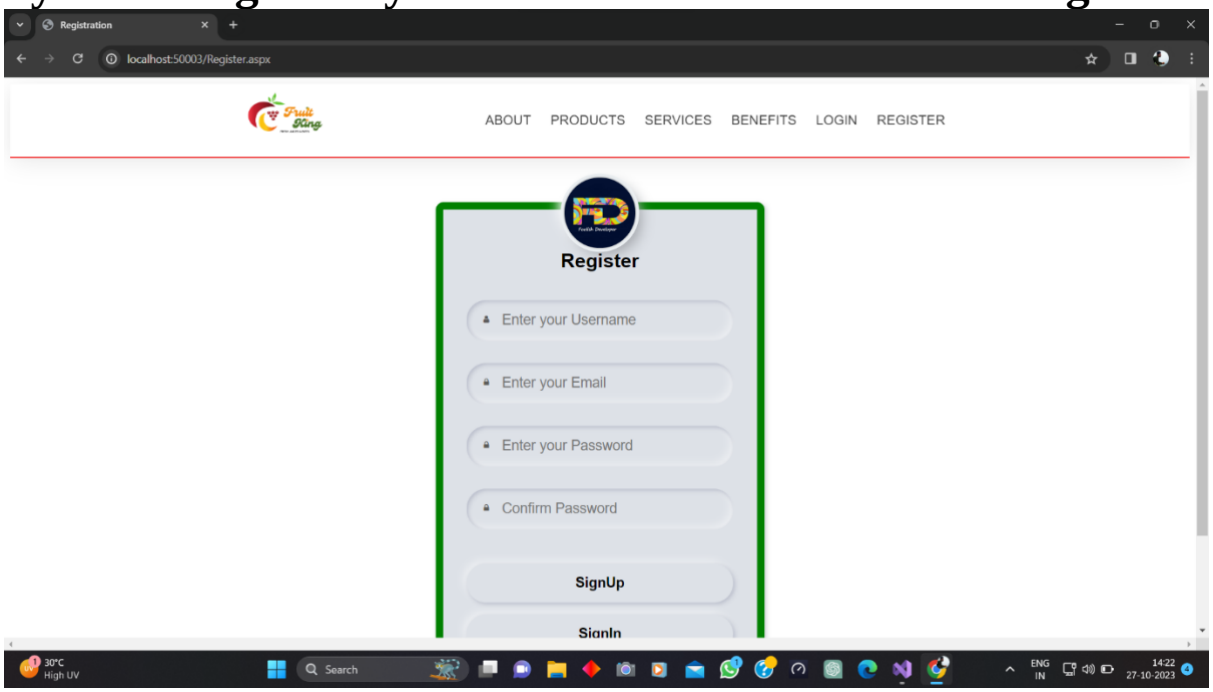
Group Number: 1

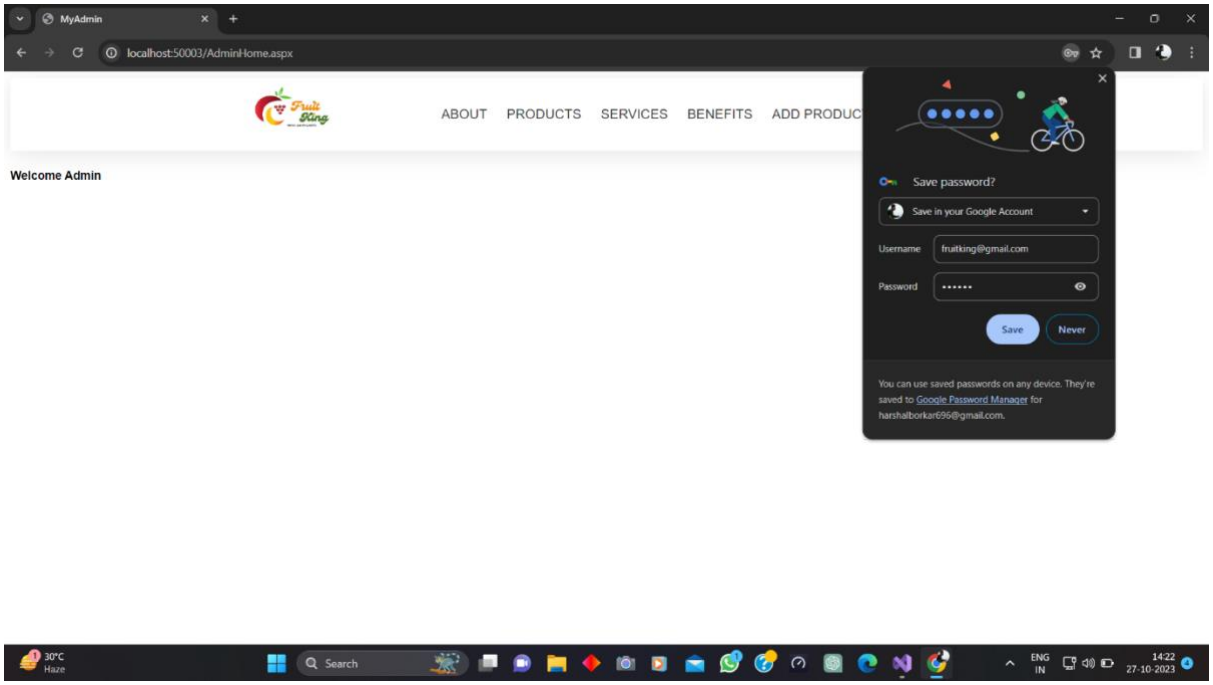
Roll No.	Name of student	Contribution in the Project
32	Aditya Pethe	Frontend and Backend
40	Atharva Jadhav	Frontend
46	Harshal Borkar	Frontend and Backend
67	Sankit Binkar	Frontend and Backend

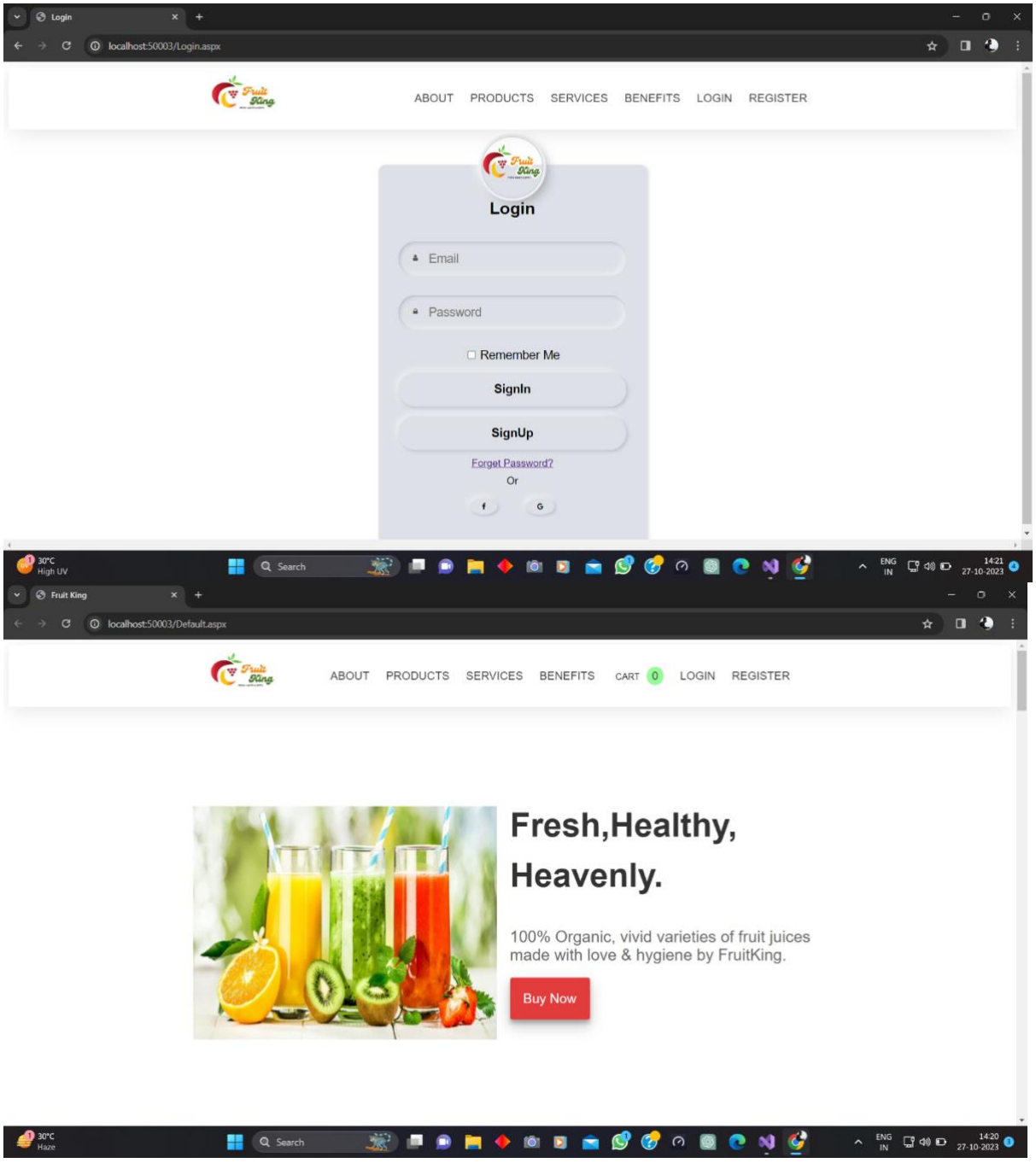
Problem Statement:

- Fruit King – A website on which a user can order fresh fruit juices and smoothies using .Net technology.

System Diagram/System Architecture/Data flow diagram:







Fresh,Healthy, Heavenly.

100% Organic, vivid varieties of fruit juices made with love & hygiene by FruitKing.

Buy Now

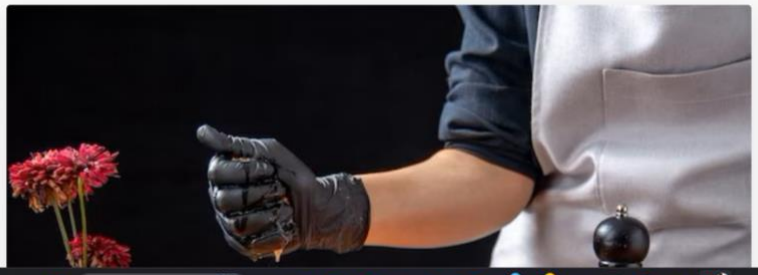
Fruit King

localhost:50003/Default.aspx

ABOUT PRODUCTS SERVICES BENEFITS CART 0 LOGIN REGISTER

ABOUT US

We are a group of people with decades of experience in making and selling fruit juices. We know what a good juice looks like & tastes like and how they are made. This essential fruit juice requires a proper ingredients that are rich in organic matter apart from needing proper reciepe and storage facilities. Lucky for them we live in Nagpur which is proudly known as Orange city as well as Diamond Capital of India is also home to healthy juices for which the state is very famous across globe. The main factor which influence temperate fruit bearing trees is soil, climate and environment which are highly favorable and unparalleled in the province of Kashmir. Kashmiri apples a unique look, taste, flavor, size and color.



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UserMaster

localhost:50003/DisplayProduct.aspx

HOME ABOUT PRODUCTS SERVICES BENEFITS CART 0 LOGOUT

PRODUCTS

mango juice

SipFruits

Rs.80.00

healthy

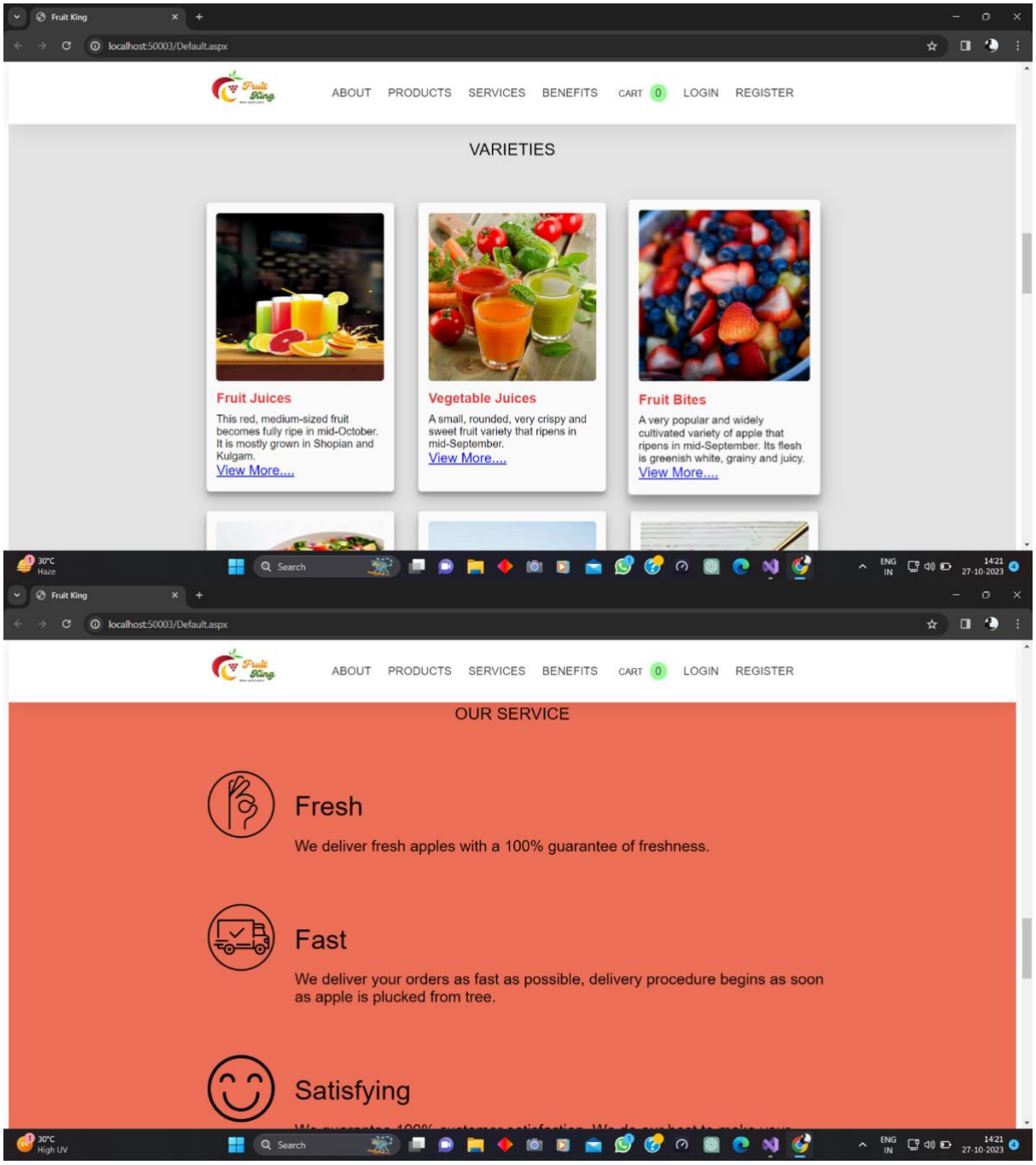
orangejuice

SipFruits

Rs.60.00

healthy

30°C Haze Search ENG IN 14:30 27-10-2023


Fruit King
localhost:50003/Default.aspx
ABOUT PRODUCTS SERVICES BENEFITS CART 0 LOGIN REGISTER
VARIETIES
Fruit Juices
This red, medium-sized fruit becomes fully ripe in mid-October. It is mostly grown in Shopian and Kulgam.
View More....
Vegetable Juices
A small, rounded, very crispy and sweet fruit variety that ripens in mid-September.
View More....
Fruit Bites
A very popular and widely cultivated variety of apple that ripens in mid-September. Its flesh is greenish white, grainy and juicy.
View More....
30°C Haze
Search
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Fruit King
localhost:50003/Default.aspx
ABOUT PRODUCTS SERVICES BENEFITS CART 0 LOGIN REGISTER
OUR SERVICE
Fresh
We deliver fresh apples with a 100% guarantee of freshness.
Fast
We deliver your orders as fast as possible, delivery procedure begins as soon as apple is plucked from tree.
Satisfying
30°C High UV
Search
ENG IN
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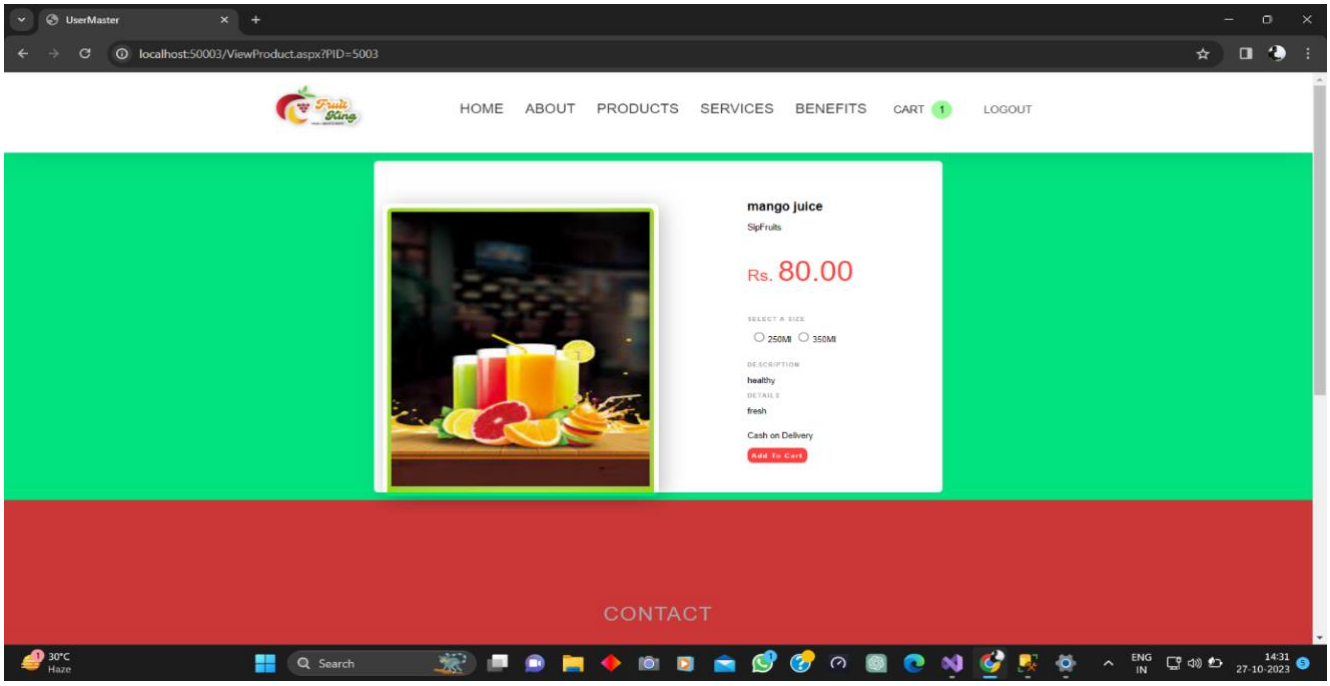
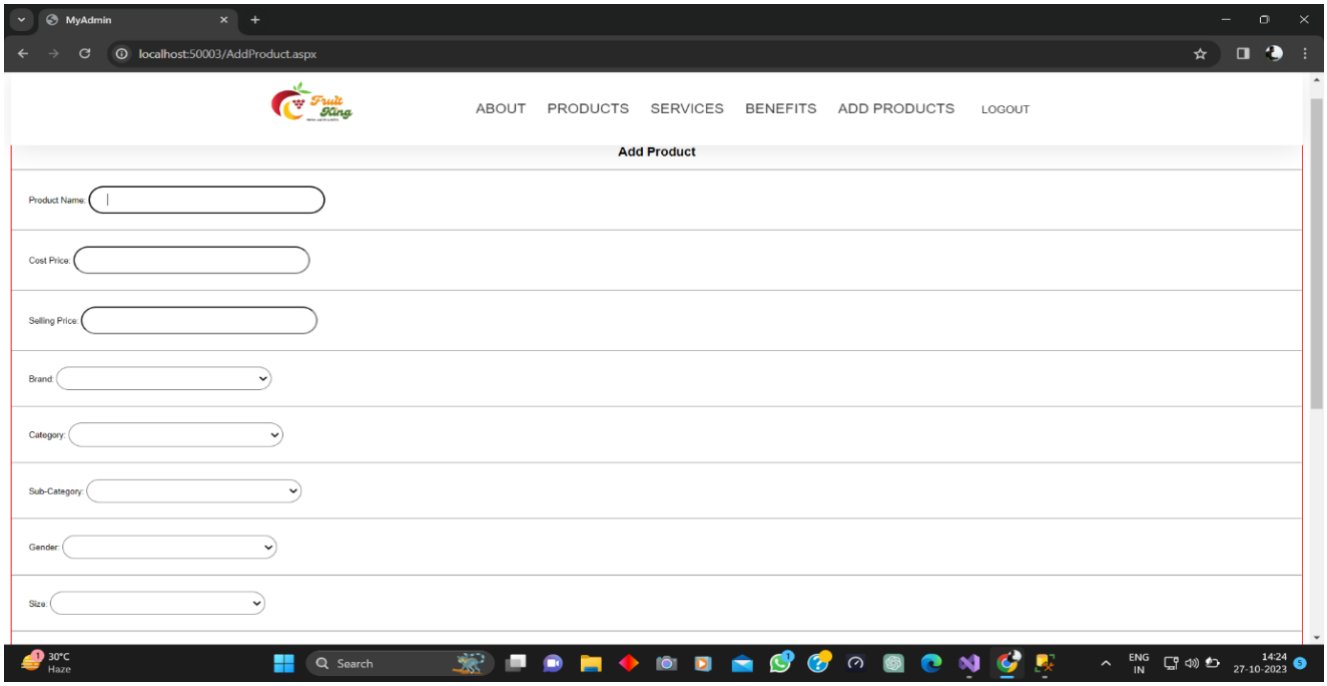

UserMaster
localhost:50003/ViewProduct.aspx?PID=5003
HOME
ABOUT
PRODUCTS
SERVICES
BENEFITS
CART 1
LOGOUT
mango juice
SipFruits
Rs. 80.00
SELECT A SIZE
250Ml
350Ml
DESCRIPTION
healthy
DETAILS
fresh
Cash on Delivery
Add To Cart
CONTACT
30°C
Haze
Search
ENG
IN
14:31
27-10-2023


MyAdmin
localhost:50003/AddProduct.aspx
ABOUT
PRODUCTS
SERVICES
BENEFITS
ADD PRODUCTS
LOGOUT
Add Product
Product Name:
Cost Price:
Selling Price:
Brand:
Category:
Sub-Category:
Gender:
Size:
30°C
Haze
Search
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14:24
27-10-2023

Implementation Details:

Dataset Description:

No specific dataset used. User Login Credentials dataset and Product Details dataset is maintained.

Languages Used:

- **C#:**

C# is an object-oriented, component-oriented programming language. C# provides language constructs to directly support these concepts, making C# a natural language in which to create and use software components.

- **HTML:**

HTML (HyperText Markup Language) is the code that is used to structure a web page and its content. For example, content could be structured within a set of paragraphs, a list of bulleted points, or using images and data tables.

- **CSS:**

CSS is used to define styles for your web pages, including the design, layout and variations in display for different devices and screen sizes.

- **JavaScript:**

JavaScript is a programming language used to create dynamic content for websites. It achieves this by adding new HTML elements while modifying existing ones. Many coders enhance web development skills using JavaScript to create user-friendly and interactive websites.

- **SQL:**

Structured query language (SQL) is a programming language for storing and processing information in a relational database. A relational database stores information in tabular form, with rows and columns representing different data attributes and the various relationships between the data values.

Features:

- Register
- Login / Logout
- Explore Products
- Select and Add to Cart
- Buy
- Admin has rights to add new products

Code:

Github Link:
https://github.com/harshal8668/-NET-FULL-STACK

Home.aspx.cs

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class Home : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        BindCartNumber();
        if (Session["Username"] != null)
        {
            LogOut.Visible = true;
            LogIn.Visible = false;
            SuccessTxt.Text= "Login Successfull<br/>Welcome " +
Session["Username"].ToString();
        }
        else
        {
            LogOut.Visible=false;
            LogIn.Visible=true;
           //Response.Redirect("~/Login.aspx");

        }
    }

    protected void LogOut_Click(object sender, EventArgs e)
    {
        Session.Abandon();
        Session["Username"] = null;
        //Response.Redirect("~/Login.aspx");
        Response.Redirect("~/Default.aspx");

    }

    protected void LogIn_Click(object sender, EventArgs e)
    {
        Session["Username"] = null;
        Response.Redirect("~/Login.aspx");
```

```
    }
    public void BindCartNumber()
    {
        if (Request.Cookies["CartPID"] != null)
        {
            string CookiePID = Request.Cookies["CartPID"].Value.Split('=')[1];
            string[] ProductArray = CookiePID.Split(',');
            int ProductCount = ProductArray.Length;
            pcount.Text = ProductCount.ToString();
        }
        else
        {
            pcount.Text = 0.ToString();
        }
    }


    protected void BuyNow_Click(object sender, EventArgs e)
    {
        if (Session["Username"] != null)
        {
            Response.Redirect("~/DisplayProduct.aspx");
        }
        else
        {
            Response.Redirect("~/Login.aspx");
        }
    }

    protected void Cart_Click(object sender, EventArgs e)
    {
        if (Session["Username"] != null)
        {
            Response.Redirect("~/Cart.aspx");

        }
        else
        {

            Response.Redirect("~/Login.aspx");

        }
    }

}
```

Conclusion:

In this project we have implemented all the concepts learned in .NET FULLSTACK LAB. Along with the project helps in developing skills like collaboration, teamwork and successfully develop a Fruit King Website with Backend and Frontend. These efforts help us in developing future real world projects.