

# **CANTEEN AUTOMATION SYSTEM**

A Mini Project report submitted in the partial fulfillment of the requirements for

the award of the degree of

Bachelor of Technology

in

Computer Science and Engineering

by

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**Lakireddy Bali Reddy College of Engineering (Autonomous)**

**Accredited by NAAC & NBA (Under Tier - I)**  
**Affiliated to JNTUK, Kakinada; ISO 9001:2015 Certified**  
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# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (Under Tier - I) ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

## **CERTIFICATE**

This is to certify that the project entitled “CANTEEN AUTOMATION SYSTEM” is being submitted by **PATIBALLA SURYA VAMSI** in partial fulfillment for the award of B.Techin Computer Science & Engineering to the Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by her under our guidance. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.

### **Project guide**

Dr.K.Naga Prasanthi  
Associate Professor

### **Head of the department**

Dr.D.Veeraiah  
Professor

**External Examiner**

## ACKNOWLEDGEMENT

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## **CANTEEN AUTOMATION SYSTEM**

### **ABSTRACT**

Nowadays people don't have much time to spend in a canteen by just there and waiting for the food. Sometimes they will not get food because of insufficient food. The project online canteen food ordering system helps the users to book their food earlier. As soon as they book their food the order will be sent to the chef for preparing it. The present system consists of the manual system that involves the paper work of the billing system and maintaining the files too. In the proposed system the payment is online and the e-menu will be available for the user. The users will have the username and the password through which they can book. This project will help in demonstrating the route from adapting materials to developing an online environment. This brings all necessities in one place that benefits both the user and the canteen owners smartly.

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## **LIST OF IMAGES**

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## **1. INTRODUCTION**

Canteen Automation System, which is a technique of ordering foods online applicable in any food delivery industry. The main advantage of this system is that it greatly simplifies the ordering process for both the customer and the canteen. When the customer visits the ordering webpage, they are presented with an interactive and up-to-date menu, complete with all available options and dynamically adjusting prices based on the selected options. After making a selection, the item is then added to their order, which the customer can review the details of at any time before checking out.

### **REQUIREMENTS :**

#### **FRONT END :**

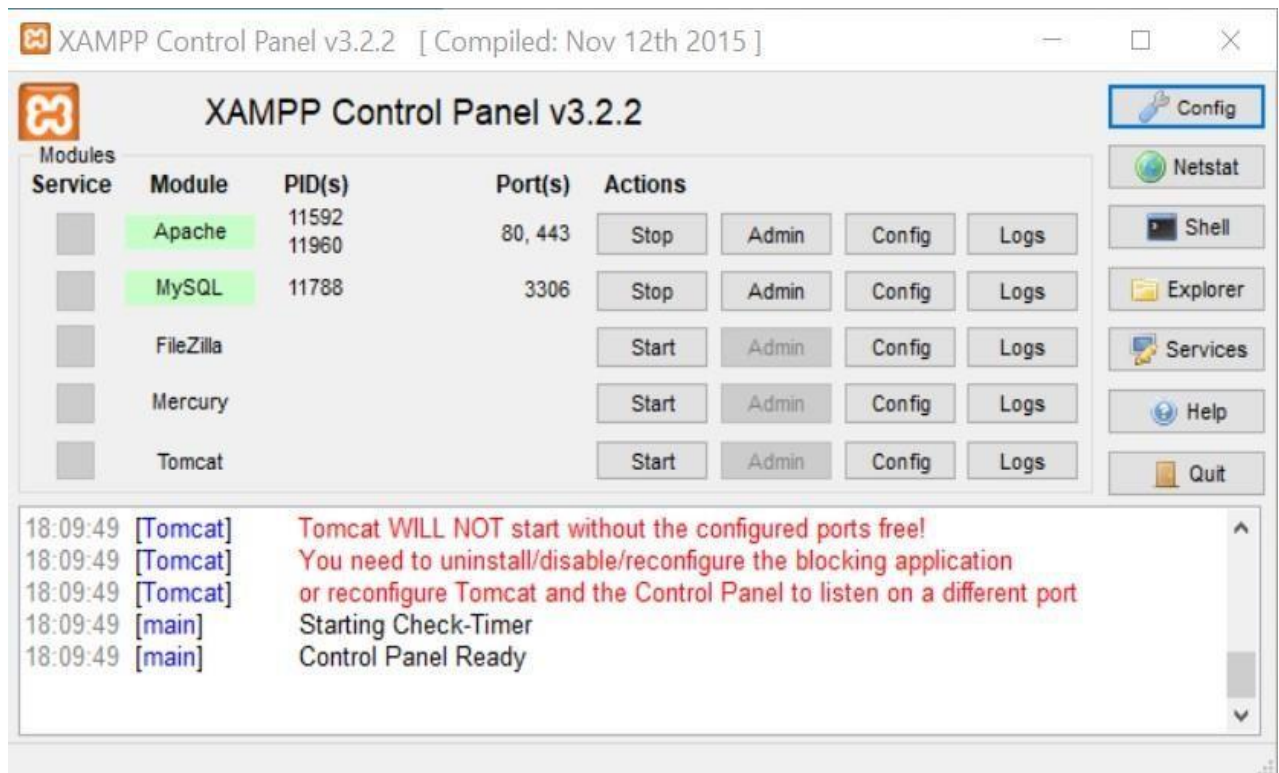
1. HTML
2. CSS
3. JAVA SCRIPT

#### **BACK END:**









4. PHP

## 2. WORKING

Activating the XAMPP server which was downloaded In My System. Now I Activated my Apache service for ports 80,443 and MySQL service for port 3306.



## Index of /

<u>Name</u>	<u>Last modified</u>	<u>Size</u>	<u>Description</u>
 <a href="#">AgroCulture.rar</a>	2022-01-23 13:58	33M	
 <a href="#">AgroCulture/</a>	2022-01-23 13:21	-	
 <a href="#">CanteenAutomationSys.&gt;</a>	2022-01-28 18:22	-	
 <a href="#">canteen/</a>	2022-01-28 18:22	-	
 <a href="#">chmbac/</a>	2018-11-29 17:31	-	
 <a href="#">favicon.ico</a>	2015-07-16 21:02	30K	
 <a href="#">webalizer/</a>	2021-11-21 13:48	-	
 <a href="#">xampp/</a>	2021-11-21 13:48	-	

Apache/2.4.17 (Win32) OpenSSL/1.0.2d PHP/5.6.15 Server at localhost Port 80



### **3. LANGUAGES**

#### **3.1 HTML**

- HTML stands for Hyper Text Markup Language
- HTML is the standard markup language for creating Web pages
- HTML describes the structure of a Web page
- HTML consists of a series of elements
- HTML elements tell the browser how to display the content

#### **3.2 CSS**

- CSS stands for Cascading Style Sheets
- CSS describes how HTML elements are to be displayed on screen, paper, or in other media.
- CSS saves a lot of work. It can control the layout of multiple web pages all at Once.
- External stylesheets are stored in CSS files.

#### **3.3 JAVA SCRIPT**

- JavaScript is the world's most popular programming language.
- JavaScript is the programming language of the Web.
- JavaScript is easy to learn.

### **3.4 PhP**

- PHP is a general-purpose scripting language geared towards web development.
- It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994.
- The PHP reference implementation is now produced by The PHP Group.
- PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages.
- PHP is a widely-used, free, and efficient alternative to competitors such as Microsoft's AS



## **4. IMPLEMENTATION**

### **4.2 CODING**

#### **Files:**

1. login.html
2. cus\_login.html
3. emp\_login.html
4. admin\_login.php.html
5. Login.php
6. emp\_login.php
7. cart.css
8. admin-module.css
9. bill.js

## 1.Login.html

```
<!DOCTYPE
```

[illegible]

## 2.cus\_login.html

<!DOCTYPE  
html>

```
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link rel="stylesheet" href="cart.css">
<title>Document</title>
</head>
<body class="cafe">
<div class="bg centered" style="width: 75%; height: 400px;">
<br>
<h1>Login to Continue</h1>
<br>
<hr>
<br>
<h3>
Username: <input type="text" id="username">
<br>
<br>
Password: <input type="password" id="password">
</h3>
<br>
<hr>
<button class="c">Login</button>
<br>
<h3> New Customer? <a href="Customer_registration.php" style="color:white;">Register here
</a></h3>
</div>
<script src="cus_login.js"></script>
</body>
</html>
```

### 3.emp\_login.html

```
<!DOCTYPE  
html>
```

```
    <html lang="en">  
    <head>  
    <meta charset="UTF-8">  
    <meta name="viewport" content="width=device-width, initial-scale=1.0">  
    <link rel="stylesheet" href="cart.css">  
    <title>Document</title>  
    </head>  
    <body class="cafe">  
    <div class="bg centered" style="width: 75%; height: 400px;">  
    <br>  
    <h1>Login to Continue</h1>  
    <br>  
    <hr>  
    <br>  
    <h3>  
    Username: <input type="text">  
    <br>  
    <br>  
    Password: <input type="password">  
    </h3>  
    <br>  
    <hr>  
    <button class="c">Login</button>  
    <br>  
    </div>  
    </body>  
    </html>
```

## 4.admin\_login.html

```
<!DOCTYPE  
html>
```

```
    <html lang="en">  
    <head>  
    <meta charset="UTF-8">  
    <meta name="viewport" content="width=device-width, initial-scale=1.0">  
    <link rel="stylesheet" href="cart.css">  
    <title>Document</title>  
    </head>  
    <body class="cafe">  
    <div class="bg centered" style="width: 75%; height: 400px;">  
    <br>  
    <h1>Login to Continue</h1>  
    <br>  
    <hr>  
    <br>  
    <h3>  
    Username: <input type="text">  
    <br>  
    <br>  
    Password: <input type="password">  
    </h3>  
    <br>  
    <hr>  
    <button class="c">Login</button>  
    <br>  
    </div>  
    </body>  
    </html>
```



## **5.Login.html**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="cart.css">
  <title>Document</title>
</head>
<body class="cafe">
  <hr>
  <div class="bg centered" style="width: 75%; height: 350px;">
    <h1>Welcome to Cafe Bistro!</h1>
    <hr>
    <button class="c"><a href="cus_login.html">Customer Login</a></button><br><br>
    <button class="c"><a href="admin_login.html">Admin Login</a></button><br><br>
    <button class="c"><a href="emp_login.html">Employee Login</a></button>
    <hr>
    <br>
  </div>
  <hr>
</body>
</html>
```

## 6.emp\_login.php

```
<?php
    session_start();
    include("connect.php");
    if(isset($_POST['emp_login']))
    {
        // echo "hi";
        $username = $_POST['username'];
        $password = $_POST['password'];
        //echo $username;
        //echo $password;
        $query = mysqli_query($con,"select * from employees where Username='$username' AND
Password='$password'");
        if(mysqli_num_rows($query)){
            //echo "yes";
            $q = mysqli_fetch_array($query);
            $_SESSION['employee']=$q;
            header("location:employee_module.php");
        }
        else{
            echo "Invalid User ID or Password. Try again.";
        }
    }
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="cart.css">
    <title>Document</title>
</head>
<body class="cafe">
    <a href="login.html"><button class="b"> Go Back </button></a>
    <div class="bg centered" style="width: 75%; height: 400px;">
        <br>
        <h1>Login to Continue</h1>
        <br>
        <hr>
        <br>
        <h3>
        <form method="post">
```

```
Employee ID: <input type="text" name="username">
<br>
<br>
Password: <input type="password" name="password">
</h3>

<br>
<hr>
<input type="submit" class="c" name="emp_login" value="Login">
<br>
</form>
<br>

</div>
</body>
</html>
```

## **7.cart.css**

```
.split {
    height: 100%;
    width: 50%;
    position: fixed;
    z-index: 1;
    top: 0;
    overflow-x: hidden;
    padding-top: 20px;
}

/* Control the left side */
.left {
    left: 0;
    background-color: rgb(0, 0, 0);
    color: aliceblue;
}

/* Control the right side */
.right {
    right: 0;
    background-color: rgb(0, 0, 0);
    color: white;
    border-color: white;
    border-style: double;
}
```

```

.item{
    color: gainsboro;
    border-style: dotted;
}
.category{
    color: gainsboro;
    border-style: groove;
}
.name{
    background-color: gainsboro;
    color: black;
    padding-bottom: 2px;
    width="100%";
}
.price{
    background-color: gainsboro ;
    color: black;
    font-family: 'Courier New', Courier, monospace;
}

.a {
    background-color: white;
    border: none;
    color: black;
    padding: 5px 20px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 10px;
}
img{
    border: white;
}
.cafe{
    font-family: 'Times New Roman', Times, serif;
    background-image: url("images 3.jfif");
    background-repeat: no-repeat;
    background-size: 100%;
    padding-top: 0px;
    color: white;
}
.b {

```

```
    transition-duration: 0.4s;
    align-items: center;
}

.b:hover {
    background-color: red;
    color: white;
    border: none
}

.a:hover{
    background-color: chocolate;
    color: cornsilk;
    border: none;
    box-shadow: 0 12px 16px 0 rgb(0, 0, 0), 0 17px 50px 0 rgb(0, 0, 0);
}

.cart-items{
    border-style: groove;
}

.Srno{
    width: 20%;
    text-align: center;
    border-style:dashed;
    border-bottom: none;
    border-top: none;
}

.item-name{
    width: 20%;
    text-align: center;
    border-style: dashed;
    border-bottom: none;
    border-top: none;
}

.item-price{
    width: 20%;
    text-align: center;
    border-style: dashed;
    border-bottom: none;
    border-top: none;
}

.items-quantity{
    width: 20%;
    text-align: center;
    border-style: dashed;
    border-bottom: none;
    border-top: none;
}
```

```
.remove{
  width: 20%;
  text-align: center;
  border-style: dashed;
  border-bottom: none;
  border-top: none;
}
.total{
  color: lightblue;
}
.c{
  background-color: white;
  border: none;
  color: black;
  padding: 15px 32px;
  text-align: center;
  text-decoration: none;
  display: inline-block;
  font-size: 16px;
}
.c:hover{
  background-color: chocolate;
  color: cornsilk;
  border: 2 px solid white;
  transition-duration: 0.4s;
}
.carton{
  display: flex;
  align-items: center;
  justify-content: center;
  text-align: center;
  width: "50%";
  padding-left: 100px;
  padding-right: 100px;
}
.eh{
  border-style: dotted;
}
.bg{
  background-color: black;
}
.bg:hover{
  background-image: url('bg.jfif');
  transition-duration: 100ms;
```

```

}

.centered{
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
    text-align: center;
}

.a1{
    background-color: white;
    border: none;
    color: black;
    padding: 5px 20px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 10px;
}

.a1:hover{
    background-color: red;
    color: cornsilk;
    border: none;
    box-shadow: 0 12px 16px 0 rgb(0, 0, 0), 0 17px 50px 0 rgb(0, 0, 0);
}

.d{
    background-color: white;
    border: none;
    color: black;
    padding: 15px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
}

.d:hover{
    background-image: url('images1.jfif');
    color: cornsilk;
    border: 2 px solid black;
    transition-duration: 0.4s;
}

table{
    border: 5px solid black;
}

.centered{

```

```
position: absolute;
top: 50%;
left: 50%;
transform: translate(-50%, -50%);
text-align: center;
}
.e{
background-color: white;
border: none;
color: black;
padding: 15px 32px;
text-align: center;
text-decoration: none;
display: inline-block;
font-size: 16px;
}
.e:hover{
background-color: chocolate;
color: cornsilk;
border: 2 px solid white;
transition-duration: 0.4s;
}
```

## **8.admin-module.css**

```
/* Set height of body and the document to 100% to enable "full page tabs" */
body, html {
height: 100%;
margin: 0;
font-family: Arial;
}

/* Style tab links */
.tablink {
background-color: #555;
color: white;
float: left;
border: none;
outline: none;
cursor: pointer;
padding: 14px 16px;
font-size: 17px;
width: 25%;
}
```



```

.tablink:hover {
    background-color: #777;
}

/* Style the tab content (and add height:100% for full page content) */
.tabcontent {
    color: white;
    display: none;
    padding: 100px 20px;
    height: auto;
}
#Home {background-color: chocolate;}
#News {background-color: black;}
#Contact {background-color: chocolate;}
#About {background-color: black;}

.AFIM{
    height: auto;
    width: auto;
    background-color: burlywood;
    color: black;
    border:10px solid blanchedalmond;
    margin-right: 2cm;
    margin-left:2cm;
}
th,td{
    border: 2px solid black;
    align-items: center;
}

body{
    background-image: url('bg.jfif');
}
.a1{
    background-color: white;
    border: none;
    color: black;
    padding: 5px 20px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 10px;
}
.a1:hover{
    background-color: red;
    color: cornsilk;
}

```

```
border: none;  
box-shadow: 0 12px 16px 0 rgb(0, 0, 0), 0 17px 50px 0 rgb(0, 0, 0);  
}
```

## **9.bill.js**

```
console.log(orderSummary);
```

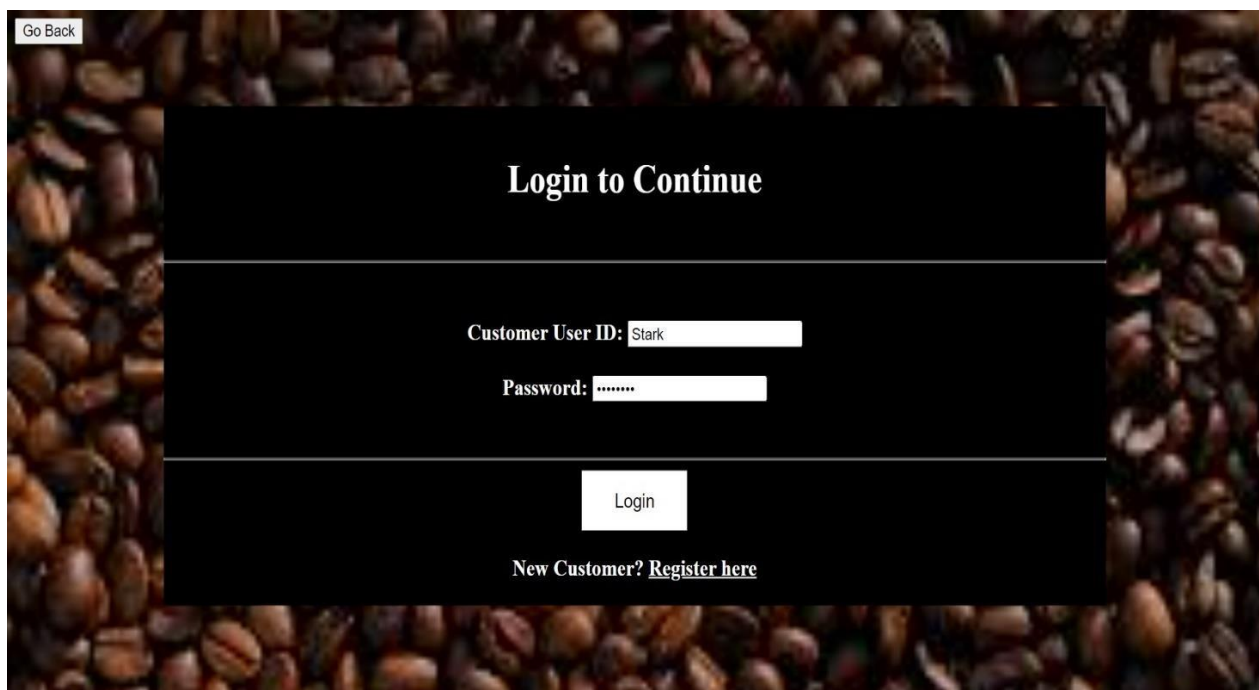
5.

## RESULT

first...we go to the address **http://localhost/CanteenAutomationSystem-main/login.html**



then...we login to customer by password and Username...

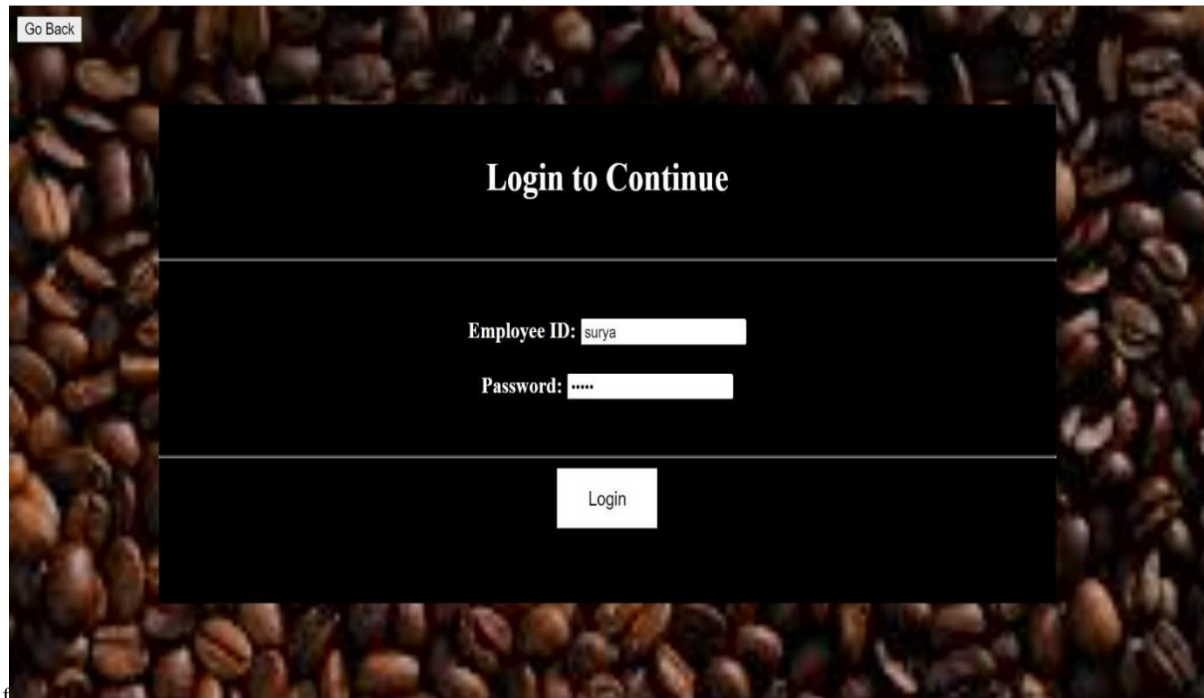


Then...we select our desired items and then...automatically all those will be sent to cart!!

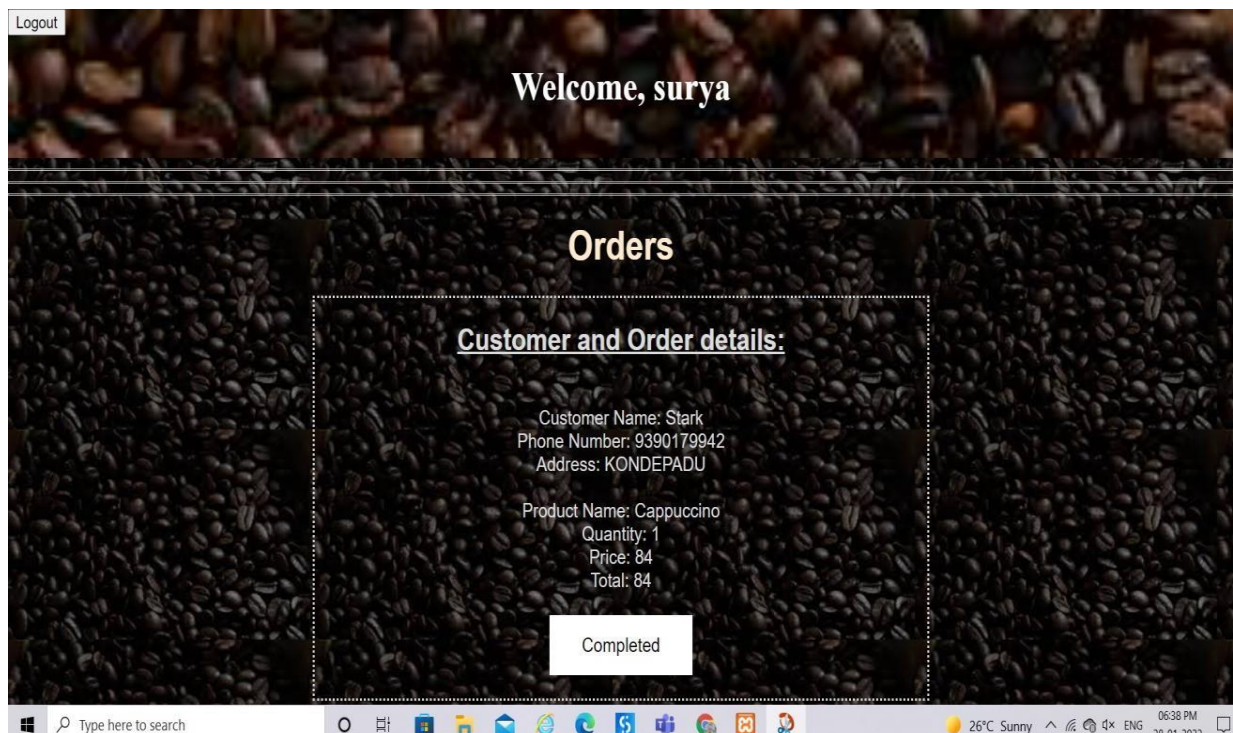


We get the **ORDER SUMMARY** now...





We display all the personal details here!!





Product Name: Cappuccino  
Quantity: 1  
Price: 84  
Total: 84

Completed

Customer and Order details:

Customer Name: Stark  
Phone Number: 9390179942  
Address: KONDEPADU

Product Name: Carrot Cake  
Quantity: 1  
Price: 200  
Total: 200

Completed

Here comes the **ADMIN LOGIN** page...where he can see all progress!!

Go Back

Login to Continue

Username:

Password:

Login

[Logout](#)

Hello, admin

[Manage Menu](#)[Manage Inventory](#)[Manage Employees](#)[Sales](#)

### Add Food Items to Menu

Item-Name:

Category:

Espresso

▼

Quantity:

Price (in Rupees):

Image:

Choose File

No file chosen

### Menu

Espresso

Cappuccino

Rs. 84



Remove from Menu

Sweets

Carrot Cake

Rs. 200



Remove from Menu


Manage Menu

Manage Inventory

Manage Employees

Sales

Inventory




Apple Juice

99

+ ▼

Update




Cappuccino

118

+ ▼

Update



Manage Menu

Manage Inventory

Manage Employees

Sales

Recruit Employee

Name:

Contact Number:

User ID:

Password:

Register



Manage Menu

Manage Inventory

Manage Employees

Sales

Check Sales

Enter Time Range:From  to

View

Total Earnings: 284

Product	Price	Quantity	Net	Date
Cappuccino	84	1	84	2022-01-28
Carrot Cake	200	1	200	2022-01-28

## **6. CONCLUSION**

The website will be available when the server starts ,then the people/customers can order for their desired Items and happily eat them,with joy and will pay the Bill that will be shown in the CART.

## **7. REFERENCES**

<https://www.w3schools.com/html/>

<https://www.w3schools.com/js/>

<https://www.php.net/>

<https://www.tutorialspoint.com/jsp/index.htm>