



# Computational Intelligence Research Foundation

13, Ayanavaram Road,  
Ayanavaram, Chennai 23.  
[www.cirf.co.in](http://www.cirf.co.in)

## Website Buliding : Palimar Bakers

July 15, 2024

Name: S Mohamed Ahsan

Register No: 212223240089

College Name: Saveetha Engineering College (Autonomous)

Department: Artificial Intelligence & Machine Learning

Year of Study: II





**Computational Intelligence Research Foundation(CIRF)** is a Section 8 company registered under the Ministry of Corporate Affairs, Government of India on August 8, 2017. We're a 12A and NGO Darpan certified company. CIRF Office is at 13,Ayanavaram Road, Ayanavaram, Chennai. Company CIN is U85320TN2017NPL118000.

**Dr Doreen Hephzibah Miriam M.E., Ph.D.,** is the founder and Director of CIRF.

**Our Vision:**

Contribute to nation building through innovative mentoring and research-driven transformation.

**Our Objectives:**

We're a research-driven organization focused on providing learning and development and research-outsourcing services to students, researchers, and institutions.

**Our Mission:**

- Undertake product development activities in emerging thrust areas.
- Support higher education institutions to establish Innovation Ecosystem

- Introduce courses based on the Industry & Societal demands
- Collaborate with Institutions, research and development organizations and Industries.
- Serve the community at large.

### **Areas of Expertise**

Within CIRF, researchers and students design and develop new nature-inspired algorithms to tackle real-world problems, primarily using technologies in the fields of Big Data, Internet of Things, Data Mining, and Artificial Intelligence. CIRF helps companies solve complex problems such as prediction, classification, recommender systems, and segmentation using nature-inspired methods and optimization approaches employed in machine learning to achieve a high level of automation and intelligence.

### **Departments**

CIRF operates through four main departments:

1. Research
2. Web and App Development
3. Software Testing
4. Education and Training

### **Research**

- Focus on funded research projects using optimization techniques.
- Published over 50 research papers in reputed journals and conferences.

### **Web and App Development**

- Development of innovative web and mobile applications.
- UI/UX Design

### **Software Testing**

- Comprehensive software testing services to ensure high-quality products.

### **Education and Training**

- Training on the latest technologies to make students industry-ready and immediately employable.

### **Collaboration and Community Engagement**

CIRF collaborates with various institutions, research and development organizations, and industries to foster innovation and development. The organization also aims to serve the community at large through its initiatives and projects.

### **Contact Information**

- Website: [www.cirf.co.in](http://www.cirf.co.in)
- Address: 13, Ayanavaram Road, Ayanavaram, Chennai, India

CIRF is committed to driving innovation and research to support national development and address complex problems through advanced computational intelligence techniques.



**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that S. Mohamed Ahsan of batch : 2023-2027, Department of Artificial Intelligence & Machine Learning, Saveetha Engineering College (Autonomous) has done their inplant training in Web Development at Computational Intelligence Research Foundation (CIRF), Chennai from July 1, 2024 to July 15, 2024

They had worked on a web page titled, "Website Buliding : Palimar Bakers".This project involved designing and implementing a user-friendly and responsive web application using web technologies tools such as Vscod, Xampp, Wordpress, Atom, etc. In addition, the project emphasized best practices in web development, including responsive design, accessibility, and performance optimization.

During their Inplant training , he had shown keen interest in learning new technologies and had high creativity in developing Web Pages. The above project has been developed under my guidance.

We wish all the best for his future endeavors

**Dr D Doreen Hephzibah Miriam M E., Ph D.,  
Director & Founder,  
Computational Intelligence Research Foundation (CIRF),  
Chennai 600 023.**

Internship attendance position of S. Mohamed Ahsan, B.Tech (Artificial Intelligence & Machine Learning), 2<sup>nd</sup> year student

We hereby certify that the attendance position of S. Mohamed Ahsan, B.Tech (Artificial Intelligence & Machine Learning), 2<sup>nd</sup> year student for the period of July 1<sup>st</sup> 2024 to July 15<sup>th</sup> 2024 as follows;

**ATTENDANCE SHEET**

| S.No: | Date     | Hours     | Topic                            | Time In | Time Out |
|-------|----------|-----------|----------------------------------|---------|----------|
| 1     | 01/07/24 | 1.5 Hours | Introduction Web Development     | 02:00pm | 03:30pm  |
| 2     | 02/07/24 | 1.5 Hours | Working with HTML                | 02:00pm | 03:30pm  |
| 3     | 03/07/24 | 1.5 Hours | Tags in HTML                     | 02:00pm | 03:30pm  |
| 4     | 04/07/24 | 1.5 Hours | Structure of a Website           | 02:00pm | 03:30pm  |
| 5     | 05/07/24 | 1.5 Hours | Building Registration Forms      | 02:00pm | 03:30pm  |
| 6     | 06/07/24 | 1.5 Hours | Intro to CSS                     | 02:00pm | 03:30pm  |
| 7     | 07/07/24 | 1.5 Hours | Classes & different types of css | 02:00pm | 03:30pm  |
| 8     | 08/07/24 | 1.5 Hours | Attributes in CSS                | 02:00pm | 03:30pm  |
| 9     | 09/07/24 | 1.5 Hours | Getting into Xampp               | 02:00pm | 03:30pm  |
| 10    | 10/07/24 | 1.5 Hours | Introduction to .php files       | 02:00pm | 03:30pm  |
| 11    | 11/07/24 | 1.5 Hours | Working with php files           | 02:00pm | 03:30pm  |
| 12    | 12/07/24 | 1.5 Hours | Regular expressions (regex)      | 02:00pm | 03:30pm  |

|    |          |           |                                   |         |         |
|----|----------|-----------|-----------------------------------|---------|---------|
| 13 | 13/07/24 | 1.5 Hours | Php Databases                     | 02:00pm | 03:30pm |
| 14 | 14/07/24 | 2 Hours   | Working with Javascript           | 02:00pm | 04:00pm |
| 15 | 15/07/24 | 1.5 Hours | Building Sliders using Javascript | 02:00pm | 03:30pm |

### **WORK LOG**

| <b>S.NO.</b> | <b>DATE</b>                     | <b>PARTICULARS</b>                             | <b>TIME</b>                |
|--------------|---------------------------------|--|----------------------------|
| 1            | 1-July-2024 to<br>8-July-2024   | Introduction to Web Development:<br>HTML & CSS | 02:00 p.m. – 03.30<br>p.m. |
| 2            | 9-July-2024 to 15-July-<br>2024 | Working with PHP (XAMPP) &<br>JAVASCRIPT       | 02:00 p.m. – 03.30<br>p.m. |

## 1. Introduction

Check The Website on : <https://mysticahsan.free.nf>



- **WordPress :**  
WordPress is a popular content management system (CMS) for building websites and blogs. It's user-friendly and customizable with themes and plugins.
- **HTML :**  
HTML is the standard markup language for creating web pages. It structures content using tags like headings, paragraphs, and links.
- **CSS :**  
CSS styles and formats HTML content. It controls layout, colors, fonts, and overall visual design to make websites look attractive.
- **PHP :**  
PHP is a server-side scripting language for web development. It generates dynamic web page content and interacts with databases.



## 1.1 Goals

To build a responsive CMS website with a working nav bar, header, footer and order form. And to save the data in a php database where it can be retrieved and displayed for convenience

## 1.2 Specifications

### Domain and Hosting:

- Free domain hosting (InfinityFree)

### Platform:

- WordPress

### Backend:

- PHP
- XAMPP for database management

### Frontend:

- HTML & CSS

## 2. Project Objectives

1. **Brand Awareness :** We are able to commercialize and develop interest with help of social media.
2. **Customer Engagement :** It becomes easier to engage with customers via advertising the website and its products.

- 3. Lead Generation :** In this modern era of life people tend to look up things online where they are freely able to purchase or avail services which they need while staying in their comfort zone.
- 4. Enhancing Customer Experience :** This digitalization and visualization creates endless possibilities to enhance the experience of the user in many ways. Introverted people can easily access and be free of any human interaction.
- 5. Operational Efficiency :** It becomes easier to store and manage all the data from clients and customers to provide their necessary needs.

### **3. Technologies & Softwares**

#### **3.1 Frontend**

- **HTML**
- **CSS**
- **Applied with the use of : Visual Studio Code**

#### **3.2 Backend**

- **PHP**
- **Applied with the use of : Visual Studio Code & Xampp**

#### **3.3 Database**

- **Xampp**

**3.4 WordPress :** It is software that helps users create, manage, and modify content on a website without needing specialized technical knowledge

## 4. Frontend Development

### 4.1 HTML

```
1 <html lang="en" dir="ltr">
2   <head>
3     <title>* Order Form * </title>
4     <link rel="stylesheet" href="style.css">
5   </head>
6   <body>
7     <div class="container">
8       <div class="title">Order Your Favourites </div>
9       <div class="content">
10        <form action="conn.php" method="post">
11          <div class="user-details">
12            <div class="input-box">
13              <label for="fullname" class="details">Full Name</label>
14              <input type="text" id="fullname" name="fullname" placeholder="Enter your name" required>
15            </div>
16            <div class="input-box">
17              <label for="date" class="details">Delivery Date</label>
18              <input type="date" id="date" name="date" placeholder="dd/mm/yyyy" required>
19            </div>
20            <div class="input-box">
21              <label for="email" class="details">Email</label>
22              <input type="email" id="email" name="email" placeholder="Enter your email" required>
23            </div>
24            <div class="input-box">
25              <label for="phone" class="details">Phone Number</label>
26              <input type="number" id="phone" name="phone" placeholder="0123456789" pattern="[0-9]{10}" required>
27            </div>
28            <div class="input-box">
29              <label for="flavour" class="details">Flavour</label>
30              <select id="flavour" name="flavour" class="flav" >
31                <option value="NIL">-Select Flavour-</option>
32                <option value="BlackForest">BlackForest</option>
33                <option value="WhiteForest">WhiteForest</option>
34                <option value="ChocoTruffle">ChocoTruffle</option>
35              </select>
36            </div>
37            <div class="input-box">
```

## 4.2 CSS

```

# style.css
C: > xampp > htdocs > demo > # style.css > $$.container
1 @import url('https://fonts.googleapis.com/css2?family=Poppins:wght@200;300;400;500;600;700&display=swap');
2 *{
3     margin: 0;
4     padding: 0;
5     box-sizing: border-box;
6     font-family: 'Poppins', sans-serif;
7 }
8 body{
9     height: 100vh;
10    display: flex;
11    justify-content: center;
12    align-items: center;
13    padding: 10px;
14    background: linear-gradient(135deg, #71b7e6, #9b59b6);
15 }
16 .container{
17     max-width: 700px;
18     width: 100%;
19     background-color: #fff;
20     padding: 25px 30px;
21     border-radius: 5px;
22     box-shadow: 0 5px 10px rgba(0,0,0,0.15);
23 }
24 .container .title{
25     font-size: 25px;
26     font-weight: 500;
27     position: relative;
28 }
29 .container .title::before{
30     content: "";
31     position: absolute;
32     left: 0;
33     bottom: 0;
34     height: 3px;
35     width: 273px;
36     border-radius: 5px;
37     background: linear-gradient(135deg, #71b7e6, #9b59b6);
38 }
39 .content form .user-details{
40     display: flex;
41     flex-wrap: wrap;
42     justify-content: space-between;
43     margin: 20px 0 12px 0;
44 }
45 form .user-details .input-box{
46     margin-bottom: 15px;
47     width: calc(100% / 2 - 20px);
48 }
49 form .input-box label.details{
50     display: block;
51     font-weight: 500;
52     margin-bottom: 5px;
53 }
54 .user-details .input-box input{
55     height: 45px;
56     width: 100%;
57     outline: none;
58     font-size: 16px;
59     border-radius: 5px;
60     padding-left: 15px;
61     border: 1px solid #ccc;
62     border-bottom-width: 2px;
63     transition: all 0.3s ease;
64 }
65 .user-details .input-box input:focus,
66 .user-details .input-box input:valid{
67     border-color: #9b59b6;
68 }
69 form .weight-details .weight-title{
70     font-size: 20px;
71     font-weight: 500;
72 }
73 form .category{

```

```

73 form .category{
74   display: flex;
75   width: 80%;
76   margin: 14px 0 ;
77   justify-content: space-between;
78 }
79 form .category label{
80   display: flex;
81   align-items: center;
82   cursor: pointer;
83 }
84 form .category label .dot{
85   height: 18px;
86   width: 18px;
87   border-radius: 50%;
88   margin-right: 10px;
89   background: #d9d9d9;
90   border: 5px solid transparent;
91   transition: all 0.3s ease;
92 }
93 #dot-1:checked ~ .category label .one,
94 #dot-2:checked ~ .category label .two,
95 #dot-3:checked ~ .category label .three{
96   background: #ffffff;
97   border-color: #7f07a0;
98 }
99 form input[type="radio"]{
100   display: none;
101 }
102 form .button{
103   height: 45px;
104   margin: 35px 0
105 }
106 form .button input{
107   height: 100%;
108   width: 100%;
109   border-radius: 5px;

```

```

110   border: none;
111   color: #fff;
112   font-size: 18px;
113   font-weight: 500;
114   letter-spacing: 1px;
115   cursor: pointer;
116   transition: all 0.3s ease;
117   background: linear-gradient(135deg, #71b7e6, #9b59b6);
118 }
119 form .button input:hover{
120   /* transform: scale(0.99); */
121   background: linear-gradient(-135deg, #71b7e6, #9b59b6);
122 }
123 @media(max-width: 584px){
124   .container{
125     max-width: 100%;
126   }
127 form .user-details .input-box{
128   margin-bottom: 15px;
129   width: 100%;
130 }
131
132 form .category{
133   width: 100%;
134 }
135 .content form .user-details{
136   max-height: 300px;
137   overflow-y: scroll;
138 }
139 .user-details::-webkit-scrollbar{
140   width: 5px;
141 }
142 }
143 @media(max-width: 500px){
144   .container .content .category{
145     flex-direction: column;

```

```

142   }
143   @media(max-width: 500px){
144     .container .content .category{
145       flex-direction: column;
146     }
147   }
148   .flav{
149     width: 100%;
150     height: 65%;
151     text-align: center;
152     border-radius: 5px ;
153     font-size: small;
154   }
155
156   .file{
157
158     background: linear-gradient(135deg, #71b7e6, #9b59b6);
159     color: white;
160     align-content: center;
161     font-family: 'Poppins';
162     border-radius: 5px;
163     cursor: pointer;
164     margin-top: 5px;
165   }
166
167   .file:hover{
168
169     background: linear-gradient(-135deg, #71b7e6, #9b59b6);
170
171   }
172
173 }
174
175

```

## 5. Backend Development

### 5.1 PHP

#### TO INSERT AND STORE THE DATA IN TABLE FORM

```

conn.php
1  <?php
2
3
4  $fullname = $_POST['fullname'];
5  $date = $_POST['date'];
6  $email = $_POST['email'];
7  $phone = $_POST['phone'];
8  $flavour = $_POST['flavour'];
9  $weight = $_POST['weight'];
10
11  $conn = new mysqli('localhost','root','','tester');
12  if($conn->connect_error){
13      echo "$conn->connect_error";
14      die("Connection Failed : ". $conn->connect_error);
15  } else {
16      $stmt = $conn->prepare("insert into details(fullname, date, email,phone, flavour, weight)
17      values(?, ?, ?, ?, ?,?)");
18      $stmt->bind_param("sssss", $fullname, $date, $email, $phone, $flavour, $weight);
19      $execval = $stmt->execute();
20      echo $execval;
21      echo " Registration successfully...";
22      $stmt->close();
23      $conn->close();
24  }
25
26
27
28
29  ?>

```

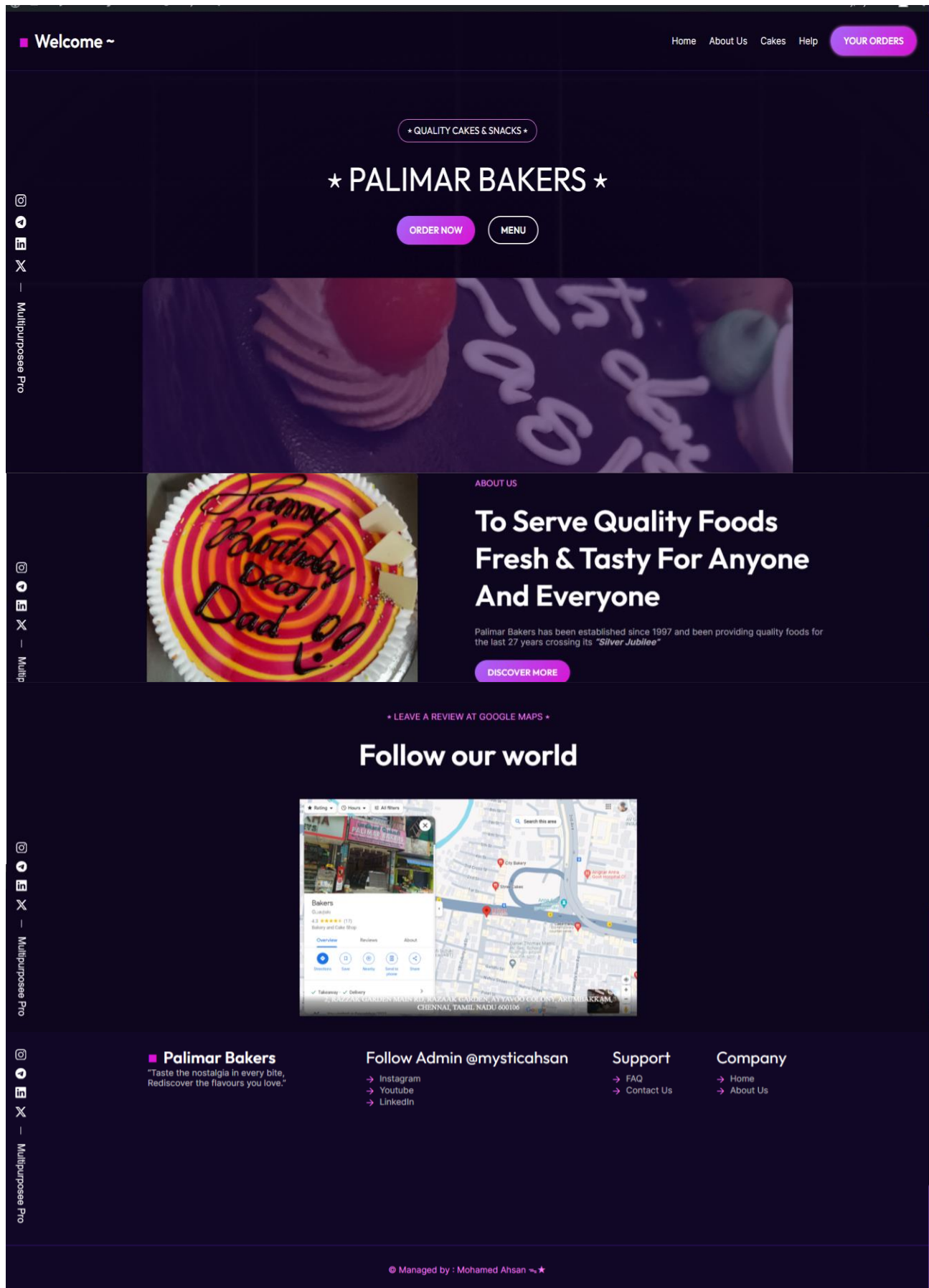
#### TO RETRIEVE THE DATA FROM THE DATABASE

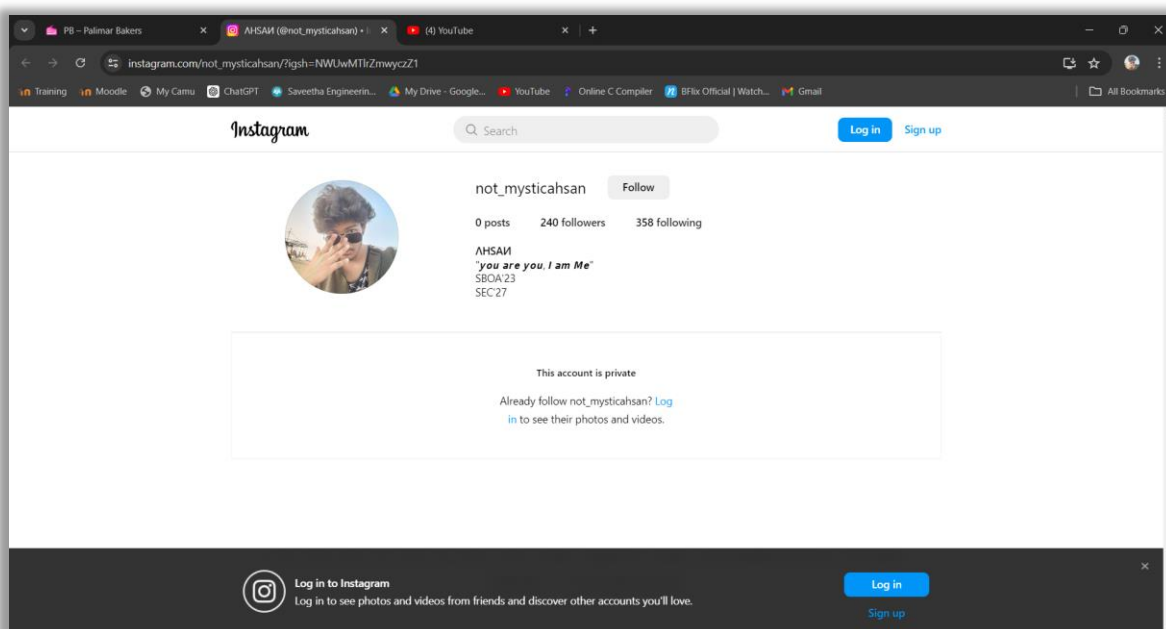
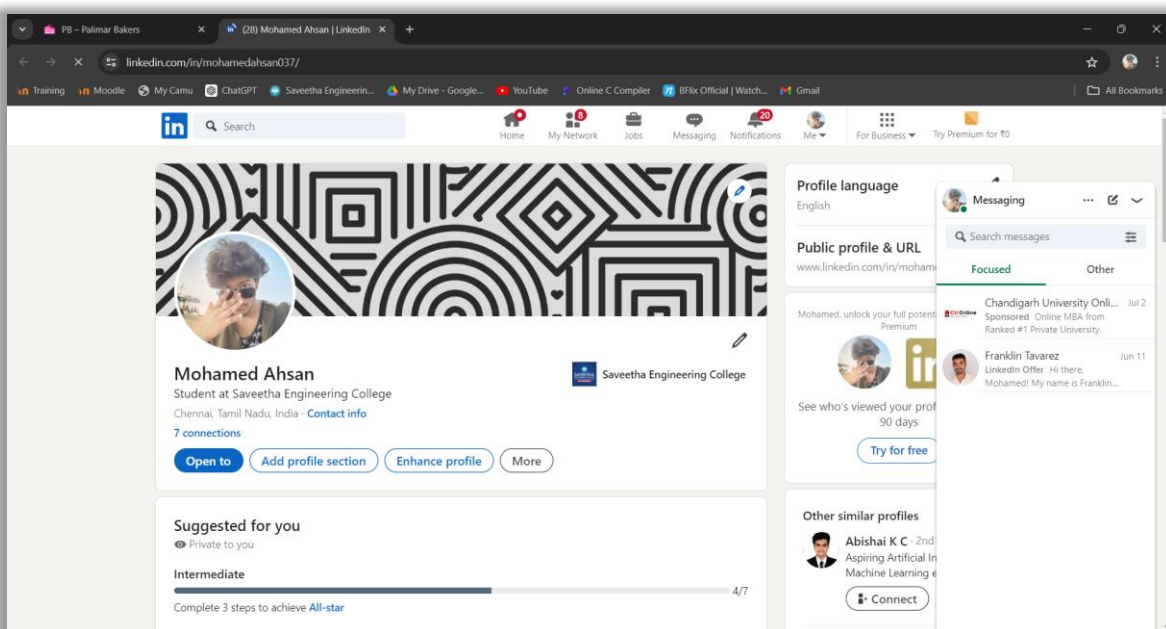
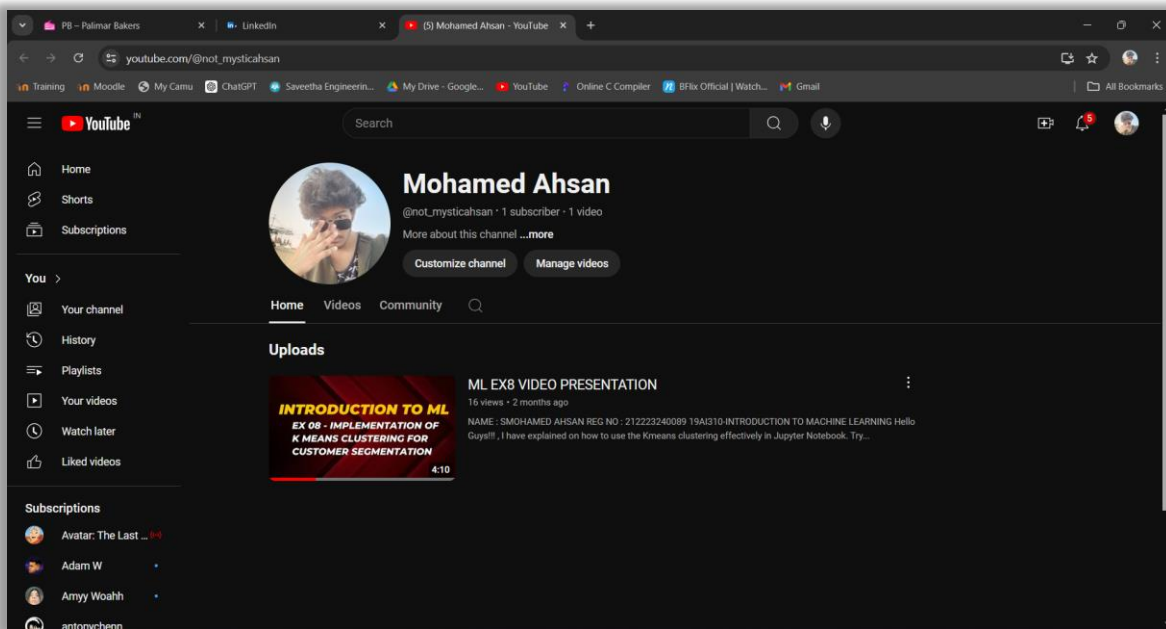
```

ret.php
1  <?php
2  $servername = "localhost";
3  $username = "root";
4  $password = "";
5  $dbname = "tester";
6
7  // Create connection
8  $conn = new mysqli($servername, $username, $password, $dbname);
9  // Check connection
10 if ($conn->connect_error) {
11     die("Connection failed: " . $conn->connect_error);
12 }
13
14 $sql = "SELECT id, fullname,flavour,weight,phone FROM details";
15 $result = $conn->query($sql);
16
17 if ($result->num_rows > 0) {
18     // output data of each row
19     while($row = $result->fetch_assoc()) {
20         echo "id: " . $row["id"]. " - Name: " . $row["fullname"]. " -Flavour: " . $row["flavour"]. " -Weight: " . $row["weight"]. "<br>";
21     }
22 } else {
23     echo "0 results";
24 }
25 $conn->close();
26 ?>
27

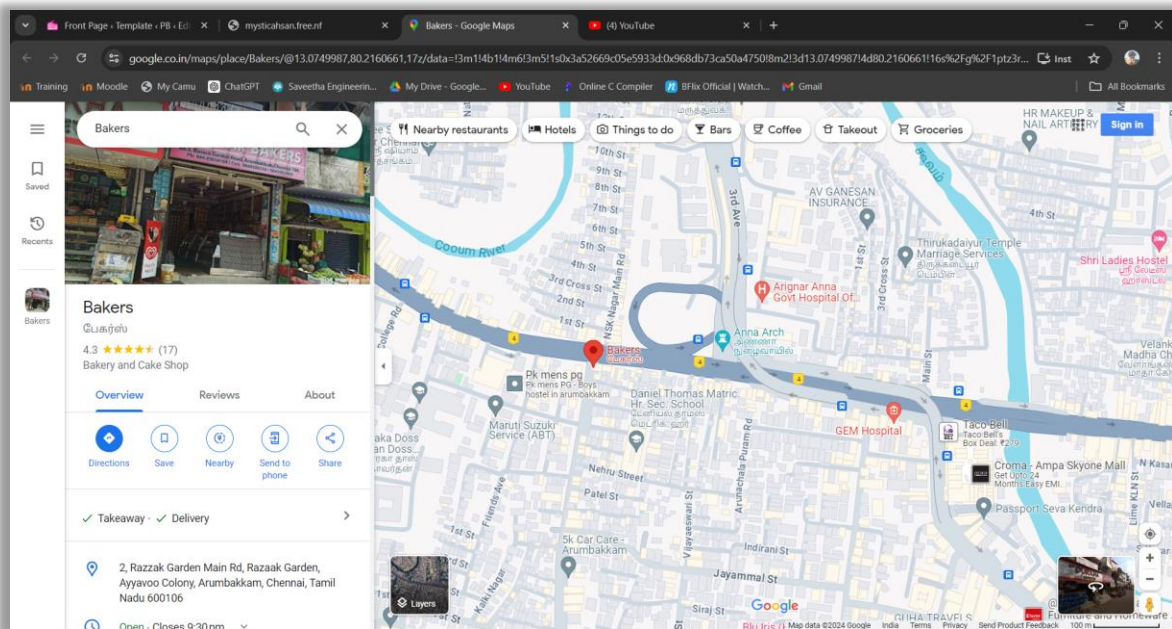
```

## 6. Final Website Developed









## Order Your Favourites

Full Name

Test

Delivery Date

13-07-2024

Email

test@gmail.com

Phone Number

9090808055

Flavour

ChocoTruffle

Payment Copy :

Choose file No file chosen

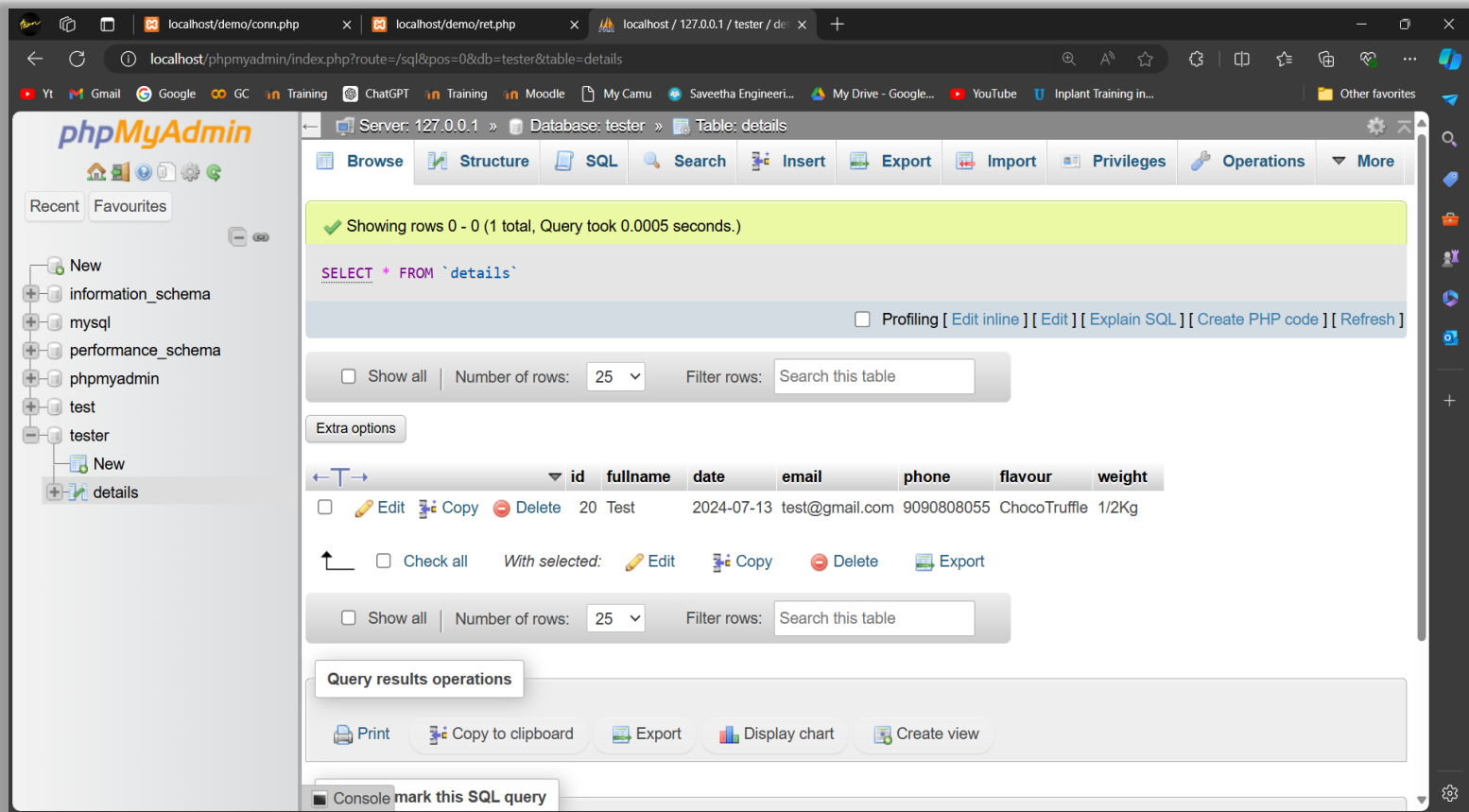
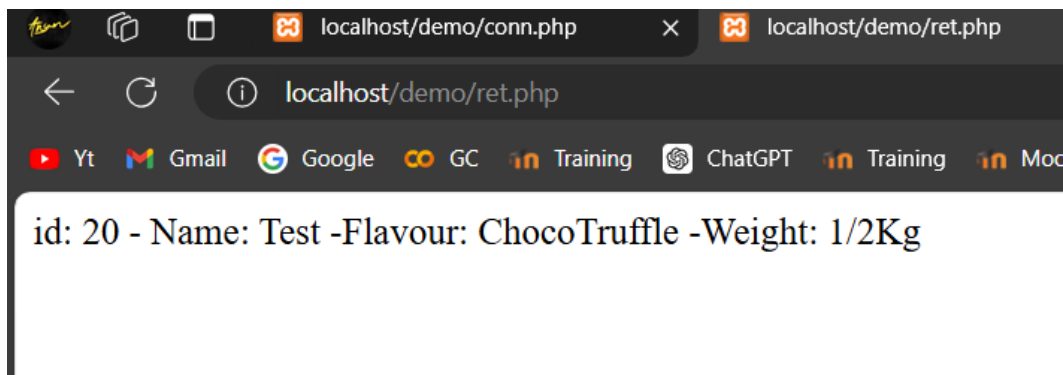
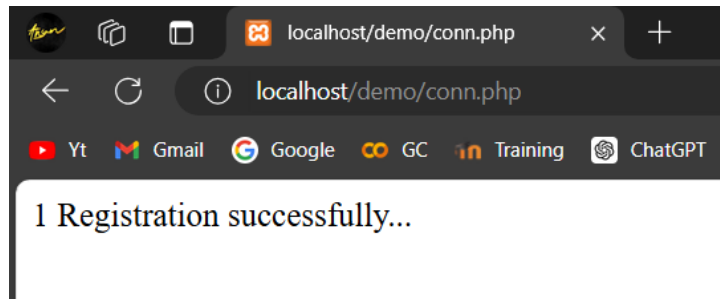
Weight

☒ 1/2 Kg

☐ 1 Kg

☐ 2 Kg

Place Order



## 7. Challenges and Solutions

### CHALLENGE :

- Unable to use custom fonts and limited usage for fonts
- Phone no values always not entered properly
- Connecting the php files into the actual website

### SOLUTION :

- Adding extensions via VScode and importing them through Google Fonts
- Changing the data type to varchar
- Using Plug-ins to upload & all the files into the website

## 8. Future Enhancements

- To add a Slider with the help of JavaScript to create a gallery page to display different products of the website effectively.
- To develop a order tracer / tracker for the website for convenience.
- Build a feedback ,review, help page for viewers and clients.
- Build a page to get the data from the database.
- Add a Bg audio file (BGM)

## **9. REFERENCES:**

- **PHP DATABASE :**  
[https://youtu.be/co-xyHRdHRg?si=kRBtJBb\\_GXqr2zo3](https://youtu.be/co-xyHRdHRg?si=kRBtJBb_GXqr2zo3)
- **CREATING A WEBSITE DOMAIN :**  
<https://www.youtube.com/watch?v=Z5pMje96Gj0>
- **REGISTRATION FORM :** [https://youtu.be/okbByPWS1Xc?si=dQR-ExqobH\\_mOkME](https://youtu.be/okbByPWS1Xc?si=dQR-ExqobH_mOkME)

## **10. CONCLUSION**

**Thus a website covering all of the project objectives overall has been created with the use of HTML,CSS,PHP(VSCODE,XAMPP,etc.)**

**The final website not only meets the client's requirements but also provides an enhanced user experience through intuitive navigation and fast load times. Future maintenance plans are in place to ensure the site remains secure and up-to-date.**

**-THANK YOU-**