MICRO PROJECT -

WEB BASED APPLICATION DEVELOPMENT WITH PHP (22619)

GUIDED BY:

PROF. GANESH PALVE

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION

GOVERNMENT POLYTECHNIC JALGAON (0018)

Program Name and Code : Computer Engineering (CO)

Course Name and Code : Web Based Applications Development with PHP (22619)

Academic Year : 2022-23

Semester : SIXTH (6th semester)

A MICRO PROJECT On

Mother's Dish- A mess Management System

Submitted on___/__/____by the group of CO6I students

Sr. No.	Roll No.	Name of student	Enrollment No.	Seat No.
1	004	Yash Rajendra Rathod	2000180457	365073
2	019	Mayur Kiran Patil	2000180473	365088
3	024	Suyog Prakash Bauskar	2000180478	365093
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Project Guide:

=== (PROF. Ganesh Palve) ===

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION

Certificate

This is to certify that **Students of CO6I(A) Y.R.R, M.K.P, S.P.B, S.S.C Roll No. 4, 19, 24, 32.** of **6th** Semester of Diploma in **Computer Engineering** of Institute, **Government Polytechnic, Jalgaon** (Code:0018) has completed the **Project Report** satisfactorily in the Subject **Web Based Applications Development with PHP(22619)** for the Academic Year 2022- 2023 as prescribed in the curriculum.

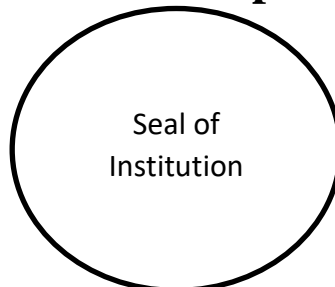Place: **Jalgaon**   Enrollment No: 2000180457, 473, 478, 489.

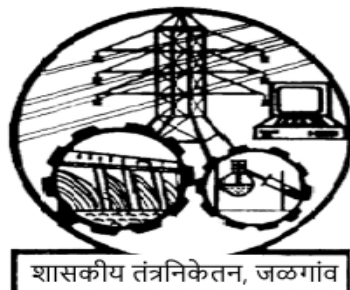Date: __/__/2023   Seat No:

Subject Teacher   **Head of the Department**   **Principal**

Seal of Institution

GOVERNMENT POLYTECHNIC JALGAON

शासकीय तंत्रनिकेतन, जळगांव

-SUBMISSION-

We the **Students of CO6I(A)** **Y.R.R, M.K.P, S.P.B, S.S.C**
Roll No. 4, 19, 24, 32 as student of **6th** Semester of the Program **Computer Engineering** humbly submit that I have completed from time to time the Project work as described in this report by our own skills and study between the period from **2022 to 2023** As per instructions/guidance of **Prof. Ganesh Palve.**

And that following students were associated with us for this work, however, quantum of our contribution has been approved by the Lecturer.

And that we have not copied the report on its any appreciable part from any other literature in contravention of the academic ethics.

Date:__/__/2023   Signature of Student

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Part A: A micro-project proposal

Mother's Dish- A mess Management System

1.0 Aims/Benefits of the Micro-Project

To implement a report on **Mother's Dish- A mess Management System** project made in Programming language.

2.0 Course Outcomes Addressed

a)Analyse the problem statements and creation of satisfactory solution .

b)Thus, we can provide a web based solution for Customer registration

3.0 Proposed Methodology

The selection of topic will be performed at beginning by the whole team, then there will be research on the selected topic then after the project is completed a project report will be created by few team members.

4.0 Action Plan

Sr. No.	Detail of activity	Plan start date	Plan finish date	Name of responsible team members
1	Group discussion	20-02-2023	20-02-2023	1. Yash Rajendra Rathod
2	Searching of task	23-02-2023	23-02-2023	
3	Selection of micro project topic	27-02-2023	28-02-2023	
4	Gathering of information and application of it	01-03-2023	03-03-2023	2. Mayur Kiran Patil
6	Distribution of work to be done	09-03-2023	09-03-2023	

7	Preparing the overview of the project	13-03-2023	13-03-2023	
8	Gathering the details	15-03-2023	51-03-2023	
9	Preparing rough analysis of the project	21-03-2023	23-03-2023	3.Suyog Prakash Bauskar
10	Study of other editors	27-03-2023	29-03-2023	
11	Preparing the configuration installation steps	01-04-2023	05-04-2023	
12	Group discussion	10-04-2023	10-04-2023	
13	Gathering the data	11-04-2023	11-04-2023	4.Sumit Sunil Chaudhari
14	Working on abstracts	12-04-2023	12-04-2023	
15	Finalizing abstracts	13-04-2023	13-04-2023	
16	Preparing report	15-04-2023	17-04-2023	All Members

5.0 Resources used

Sr. No.	Name of resources/material	Specifications	Qty.
1.	PYTHON IDLE	PYTHON VERSION.3.11.0	1
2.	WINDOWS 11	VERSION 11.0	1
3.	LAPTOP	8GB RAM, 512 SSD, I5 11TH GENERATION	1

Teachers Evaluation Sheet

Name of student: Yash Rajendra Rathod, Mayur Kiran Patil, Suyog Prakash Bauskar, Sumit Sunil Chaudhari.

Enrollment number: 2000180457,473, 478, 489.

Name of Micro-Project: Mother's Dish- A mess Management System.

Course Title: Web Based Applications Development with PHP

Code: 22619

Course outcome achieved:

a) Develop a program to implement **Mother's Dish- A mess Management System** which provides questions to solve efficiently and saving result.

b) Test the program analyse its output quality and efficiency.

Micro Project Evaluation Sheet

Roll No	Student Name	Process and Product Assessment (6 marks)	Individual Presentation/Viva (4 marks)	Total Marks (10 marks)
4	Yash Rajendra Rathod			
19	Mayur Kiran Patil			
24	Suyog Prakash Bauskar			
32	Sumit Sunil Chaudhari			

Name Of Teacher: Prof. Ganesh Palve

Signature of Student

_____

Signature Of Teacher

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PART-B Micro Project Report

Mother's Dish- mess Management system

The Rationale of this project is to create a web based solution for Customer registration system . By creating a web based registration system it would become more convenient for the data handling and managing any body. We are providing the registration system which would help the client to create the registration form within bounded time

1. **Aims/Benefits of the Micro-Project:**

    To implement report on Mother's Dish- A mess Management System

2. **Course Outcomes Achieved**

   a)Analyse the problem statements and creation of
      satisfactory solution .

   b)Thus, we can provide a web based solution for
      Customer registration

3. **Literature Review**

    The selection of topic will be performed at beginning by the whole team, then there will be research on the will be research on the selected topic selected topic then after the project is comp then after the project is completed a project reported a project report will be t will be created by few team members.

4. **Actual Methodology Followed**

    (Write step wise work done, data collected and its analysis (if any). The contribution of the individual member may also be noted.)

Sr. No.	Name of Resources/ material	Specifications	Qty.	Remarks
1.	WIKIPEDIA	Php	1	
2.	WINDOWS 11 PRO	VERSION 11	1	
3.	LAPTOP (HP)	8GB RAM, 2TB HDD, INTEL I7	1	
4.	MS WORD	PROFESSIONAL PLUS 2019	1	

1. Outputs of the Micro-Projects

(Drawings of the prototype, drawings of the survey, presentation of collected data, findings etc.)

Abstract :-

In this project we have developed the Customer Registration system which will manage all the record , registration and entries of respective customers in efficient manner.

Now days the demand for Mess around any student concentrated territory has been increased and to manage such large amount of customer manually will be a headache for the particular business and thus as the solution for this problem we need a web based Customer Registration System by which we can register a new customer within few minutes , can manage data base and even entries of the customer. By putting this things in account we have created a possible and realüble solution and that after all summing up we have resulted it in this Project.

As per our design this web service will be used for for track the record of Customer in mess. We had also set the limit for entry only twice a day , if in case someone is trying to do entry for third time in day it will get denied. So this is what we have implement as a kind of validation

We are also planning for future scope of this project in order to match with future need and updation

Introduction to PHP

The term PHP is an acronym for PHP: Hypertext Preprocessor. PHP is a server-side scripting language designed specifically for web development. It is open-source which means it is free to download and use. It is very simple to learn and use. The files have the extension ".php". Rasmus Lerdorf inspired the first version of PHP and participating in the later versions. It is an interpreted language and it does not require a compiler.

• PHP code is executed in the server.

• It can be integrated with many databases such as Oracle, Microsoft SQL Server, MySQL, PostgreSQL, Sybase, Informix.

• It is powerful to hold a content management system like WordPress and can be used to control user access.

• It supports main protocols like HTTP Basic, HTTP Digest, IMAP, FTP, and others.

• Websites like www.facebook.com, www.yahoo.com are also built on PHP.

• One of the main reasons behind this is that PHP can be easily embedded in HTML files and HTML codes can also be written in a PHP file.

• The thing that differentiates PHP from the client-side language like HTML is, PHP codes are executed on the server whereas HTML codes are directly rendered on the browser. PHP codes are first executed on the server and then the result is returned to the browser.

• The only information that the client or browser knows is the result returned after executing the PHP script on the server and not the actual PHP codes present in the PHP file. Also, PHP files can support other client-side scripting languages like CSS and JavaScript.
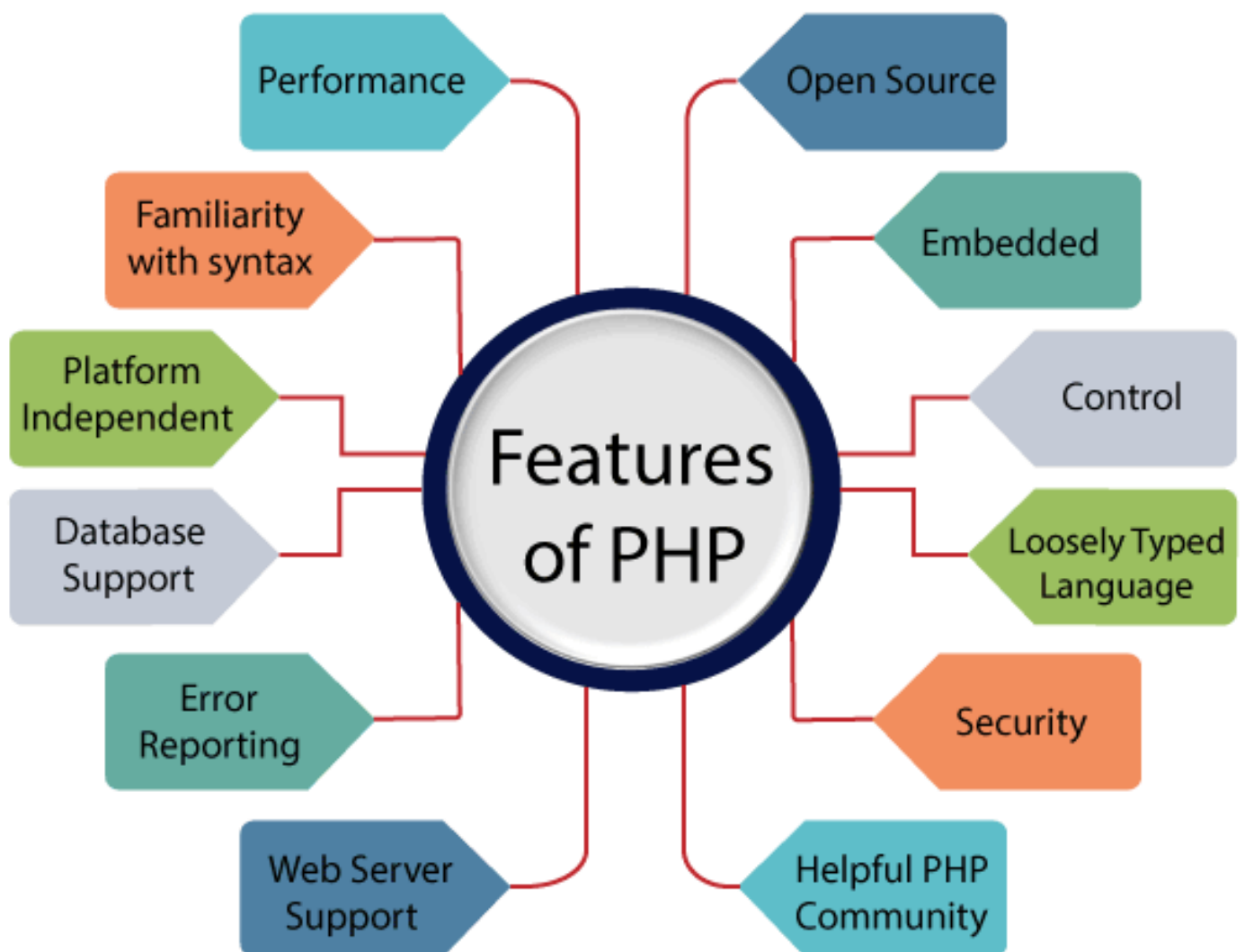
History

PHP was conceived sometime in the fall of 1994 by Rasmus Lerdorf. Early nonreleased versions were used on his home page to keep track of who was looking at his online resume. The first version used by others was available sometime in early 1995 and was known as the Personal Home Page Tools. It consisted of a very simplistic parser engine that only understood a few special macros and a number of utilities that were in common use on home pages back then. A guestbook, a counter and some other stuff. The parser was rewritten in mid-1995 and named PHP/FI Version 2. The FI came from another package Rasmus had written which interpreted html form data. He combined the Personal Home Page tools scripts with the Form Interpreter and added mSQL support and PHP/FI was born. PHP/FI grew at an amazing pace and people started contributing code to it.

It is difficult to give any hard statistics, but it is estimated that by late 1996 PHP/FI was in use on at least 15,000 web sites around the world. By mid-1997 this number had grown to over 50,000. Mid-1997 also saw a change in the development of PHP. It changed from being Rasmus' own pet project that a handful of people had contributed to, to being a much more organized team effort. The parser was rewritten from scratch by Zeev Suraski and Andi Gutmans and this new parser formed the basis for PHP Version 3. A lot of the utility code from PHP/FI was ported over to PHP3 and a lot of it was completely rewritten.

Today (end-1999) either PHP/FI or PHP3 ships with a number of commercial products such as C2's StrongHold web server and RedHat Linux. A conservative estimate based on an extrapolation from numbers provided by NetCraft (see also Netcraft Web Server Survey) would be that PHP is in use on over 1,000,000 sites around the world. To put that in perspective, that is more sites than run Netscape's flagship Enterprise server on the Internet.

Also as of this writing, work is underway on the next generation of PHP, which will utilize the powerful Zend scripting engine to deliver higher performance, and will also support running under webservers other than Apache as a native server module.

Feature of PHP

Performance

Open Source

Familiarity with syntax

Embedded

Platform Independent

Control

Database Support

Features of PHP

Loosely Typed Language

Error Reporting

Security

Web Server Support

Helpful PHP Community

Html code

1. index.html

```html
<!doctype html>

<html lang="en">

 <head>

  <!-- Required meta tags -->

  <meta charset="utf-8">

  <meta name="viewport" content="width=device-width, initial-scale=1">

  <!-- Bootstrap CSS -->

  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">

  <title>Mother's Dish</title>

  <script>

   function deleteEntries(){

     confirmation = confirm("Do you really want to delete all the entries of the current day? ");

     if(confirmation){

      window.location="delete-entries.php";

     }

    }

  </script>

 </head>

 <body style="background-image: url(mothers-dish/images/home-cover.jpg);background-size:cover;
background-attachment: scroll;" >
```

```html
    <div  >

    </div>

    <navbar>

        <nav class="navbar navbar-expand-lg navbar-light bg-light">

            <div class="container-fluid">

                <a class="navbar-brand" href="index.html" style="margin:0 10px 0 450px">Mother's Dish</a>

                <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNavAltMarkup" aria-controls="navbarNavAltMarkup" aria-expanded="false" aria-label="Toggle navigation">

                    <span class="navbar-toggler-icon"></span>

                </button>

                <div class="collapse navbar-collapse" id="navbarNavAltMarkup">

                    <div class="navbar-nav">

                        <a class="nav-link" aria-current="page" href="register-customer.html" style="margin:0 10px 0 10px">Register Customer</a>

                        <a class="nav-link" href="make-entry.html" style="margin:0 10px 0 10px">Make Entry</a>

                        <button class="nav-link btn btn-light" onclick="deleteEntries()">Delete Entries</button>

                    </div>

                </div>

            </div>

        </nav>

    </navbar>

    <div style="width: 100%;height: 100%; justify-content: left; display: flex;">

        <img src="mothers-dish/images/logo.webp" alt="" style="border-radius: 30px; justify-content: right; margin-left: 100px; margin-top: 50px;">
```

```
    <strong><h1 class="display-2" style="border: double; border-radius: 20px; border-color: white;
position:absolute;top:50%;left:0; margin-right: 300px; color: white; font-family: Verdana, Geneva,
Tahoma, sans-serif;; size: 1000px;" href="index.html">Mother's Dish</h1></strong>

    </div>

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

  </body>

</html>
```

2. register-customers.html

```
<!doctype html>

<html lang="en">

<head>

  <!-- Required meta tags -->

  <meta charset="utf-8">

  <meta name="viewport" content="width=device-width, initial-scale=1">

  <script src='https://kit.fontawesome.com/a076d05399.js' crossorigin='anonymous'></script>

  <!-- Bootstrap CSS -->

  <link              href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet"

    integrity="sha384-
1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">

  <title>Mother's Dish</title>

</head>

<body style="background-image: url(mothers-dish/images/home-cover.jpg); background-repeat: no-
repeat;background-size: cover;">
```

```html
<navbar>

  <nav class="navbar navbar-expand-lg navbar-light bg-light">

    <div class="container-fluid">

      <a class="navbar-brand" href="index.html" style="margin:0 10px 0 450px">Mother's Dish</a>

      <button class="navbar-toggler" type="button" data-bs-toggle="collapse"

        data-bs-target="#navbarNavAltMarkup" aria-controls="navbarNavAltMarkup" aria-expanded="false"

        aria-label="Toggle navigation">

        <span class="navbar-toggler-icon"></span>

      </button>

      <div class="collapse navbar-collapse" id="navbarNavAltMarkup">

        <div class="navbar-nav">

          <a class="nav-link active" aria-current="page" href="register-customer.html"

            style="margin:0 10px 0 10px">Register Customer</a>

          <a class="nav-link" href="make-entry.html" style="margin:0 10px 0 10px">Make Entry</a>

        </div>

      </div>

    </div>

  </nav>

</navbar>

<div style="display: flex; width: 100%;height: 100%;justify-content: left; color: white; ">

  <form action="register-customer.php" style="margin:100px 200px 50px 50px; border: double; border-radius: 30px; border-style: double; padding-left: 30px;padding-right: 30px; padding-top: 30px; padding-bottom: 30px;">
```

```html
        <div  class="mb-3" style="padding-bottom:20px; size: 0ch;">

         <!-- <img src="mothers-dish/images/register here.jpg" alt="" style=" size: 0ch; align-items:
center; border-radius: 50px;"> -->

         <h1><center><i class='fas fa-user-edit' style='font-size:100px;'></i></center></h1>

        </div>

        <div class="mb-3">

          <label for="exampleInputEmail1" class="form-label">Name</label>

          <input  type="text"  name="name"  class="form-control"  id="exampleInputEmail1"  aria-
describedby="emailHelp">

        </div>

        <div class="mb-3">

          <label for="exampleInputEmail1" class="form-label">Email address</label>

          <input  type="email"  name="email"  class="form-control"  id="exampleInputEmail1"  aria-
describedby="emailHelp">

          <div style="color: red;" id="emailHelp" class="form-text">We'll never share your email with
anyone else.</div>

        </div>

        <div class="mb-3">

          <label for="exampleInputEmail1" class="form-label">Mobile No.</label>

          <input  type="text"  name="mobile"  class="form-control"  id="exampleInputEmail1"  aria-
describedby="emailHelp">

        </div>

        <button type="submit" class="btn btn-primary">Submit</button>

     </form>

  </div>

  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
```

```
    integrity="sha384-
ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+llRH9sENBO0LRn5q+8nbTov4+1p"

    crossorigin="anonymous"></script>

</body>

</html>
```

3. register-customers.php

```php
<?php

$name = $_GET['name'];

$email = $_GET['email'];

$mobile = $_GET['mobile'];

$conn = mysqli_connect("localhost","root","","mothers_dish");

$result = mysqli_query($conn,"insert into customers values(NULL,'$name','$email','$mobile')");

if($result){

    echo "<script>alert('".mysqli_insert_id($conn)." is the Customer ID of
$name');window.location='register-customer.html';</script>";

}

else{

    echo "<script>alert('An unknown error occured in the database');window.location='register-
customer.html';</script>";

}

?>
```

4. make-entry.php

```php
<?php

$cust_id = $_GET['custId'];

$conn = mysqli_connect("localhost","root","","mothers_dish");
```

```php
$result = mysqli_query($conn,"select * from entries where cust_id='$cust_id'");

$row = mysqli_fetch_assoc($result);

$cust_result = mysqli_query($conn,"select * from customers where cust_id='$cust_id'");

$cust_row = mysqli_fetch_assoc($cust_result);

if($row['entry']==0){

    mysqli_query($conn,"insert into entries values($cust_id,1)");

    echo "<script>alert('".$cust_row['name']." has made his first entry!!!');window.location='make-entry.html'</script>";

}

else if($row['entry']==1){

    mysqli_query($conn,"update entries set entry = 2 where cust_id='$cust_id'");

    echo "<script>alert('".$cust_row['name']." has made his second entry!!!');window.location='make-entry.html'</script>";

}

else{

    echo "<script>alert('".$cust_row['name']." has already appeared 2 times on this day !!!');window.location='make-entry.html'</script>";

}

?>
```

5. delete-entries.php

```php
<?php

$conn = mysqli_connect("localhost","root","","mothers_dish");

$result = mysqli_query($conn,"delete from entries");

echo "<script>alert('All the entries are deleted');window.location='index.html'</script>";

?>
```
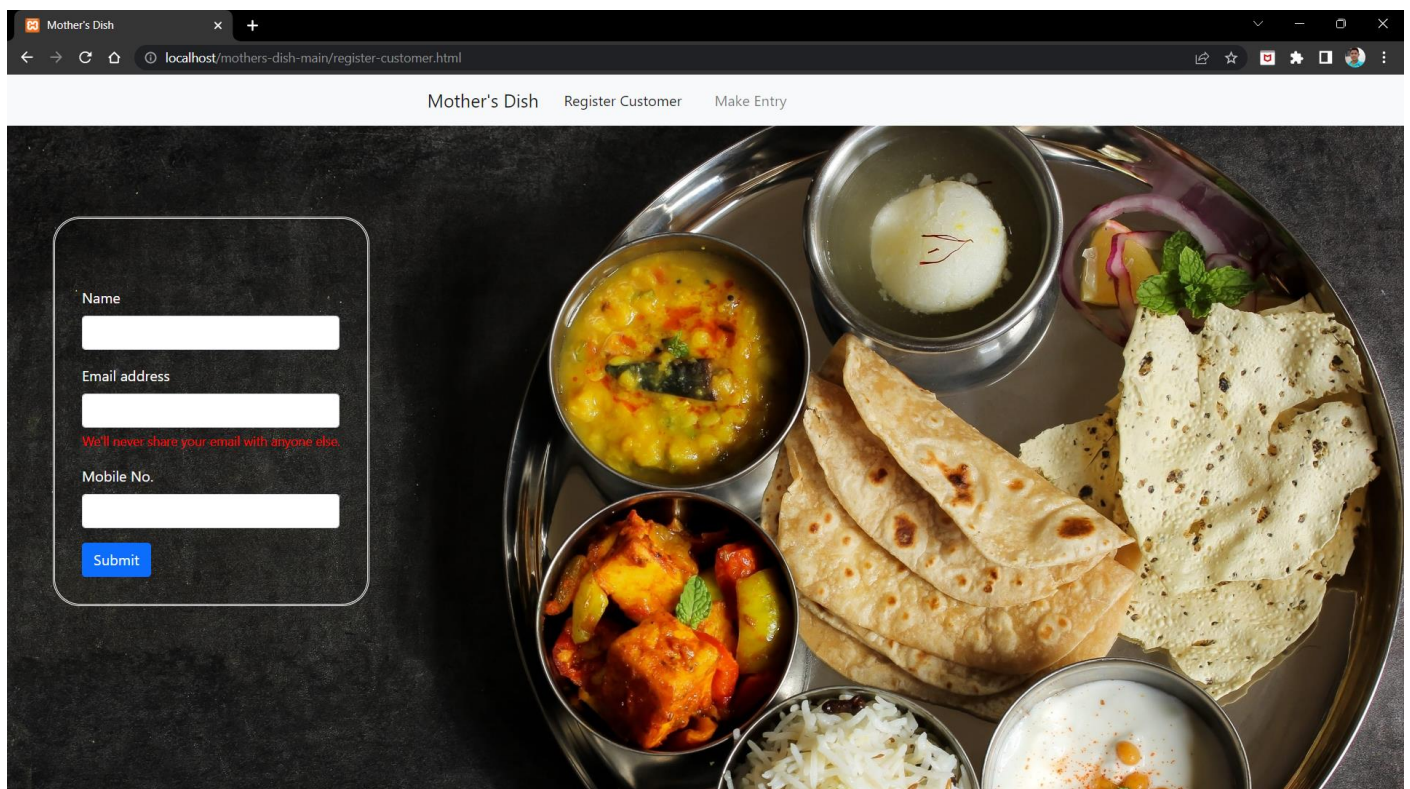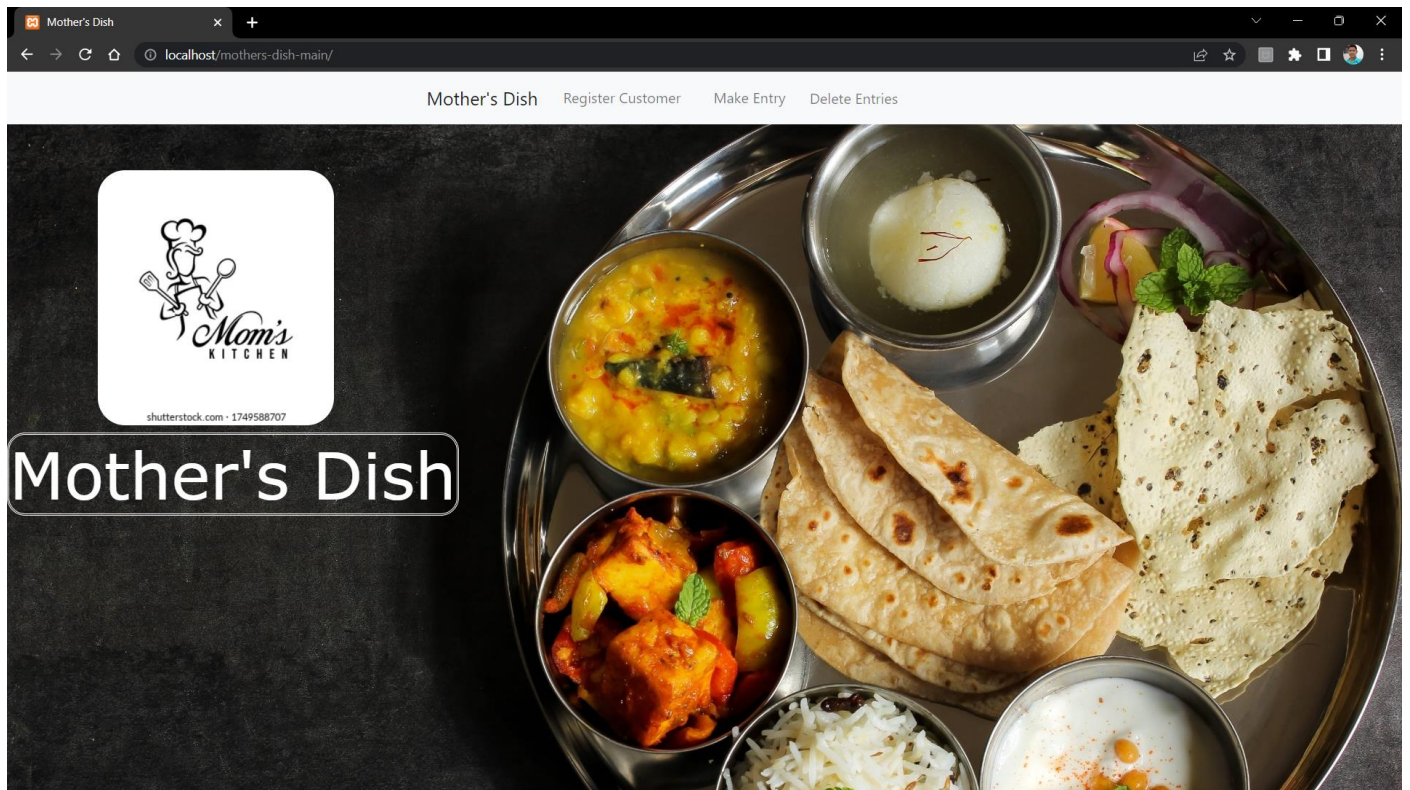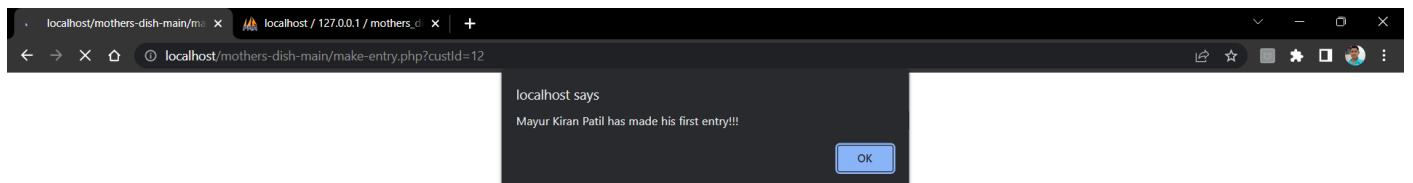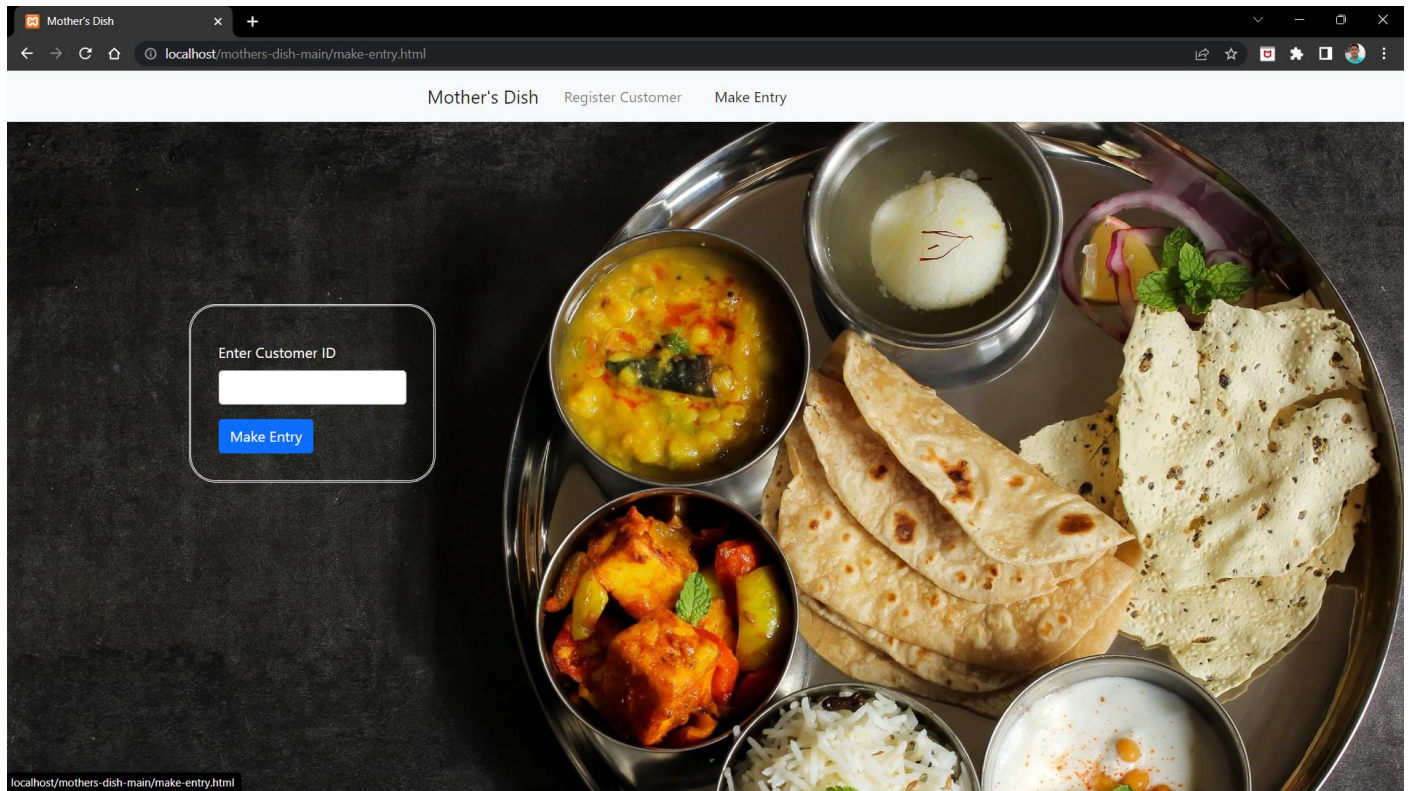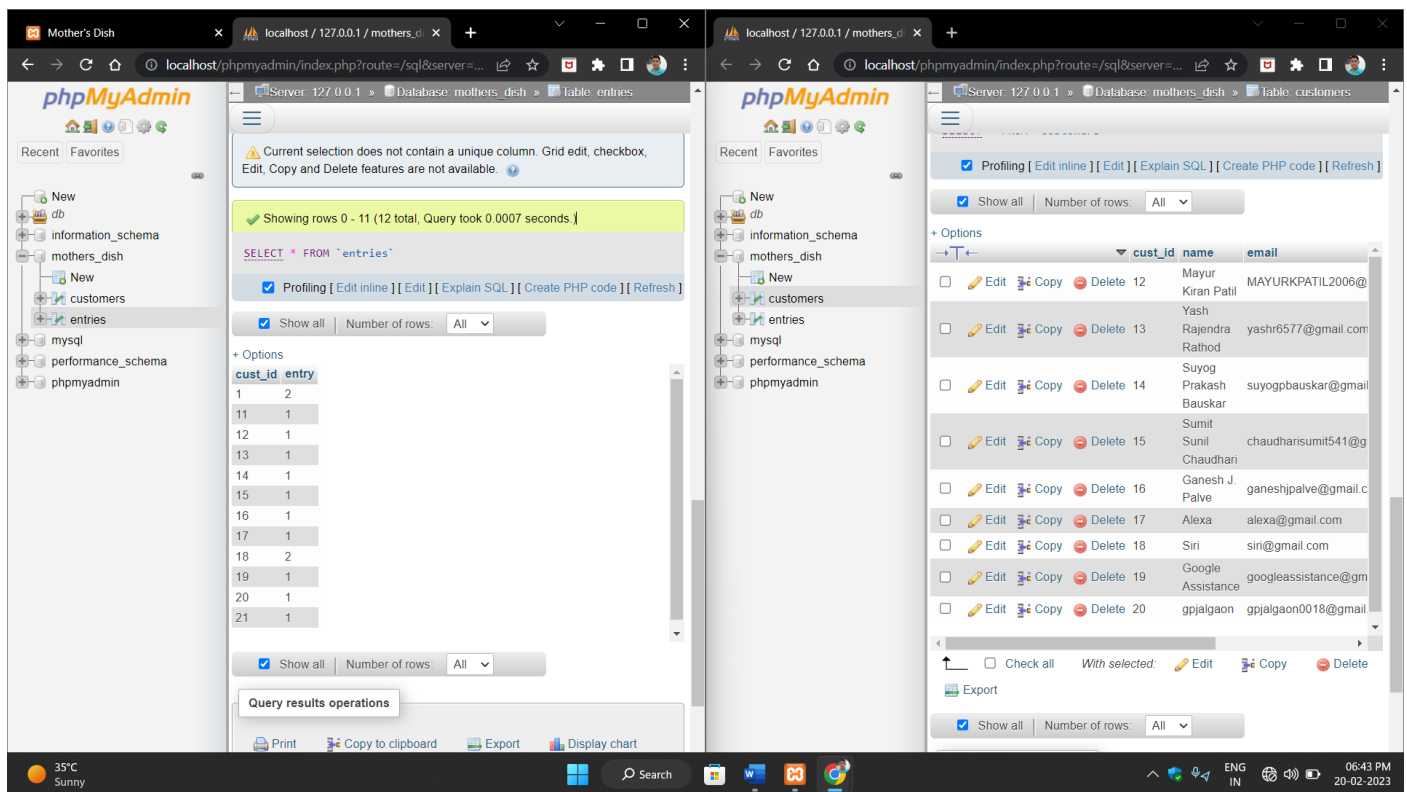
Outputs

Future scope

As per the current requirement we have only designed a web service to keep track on the entries of customer so that is why we needed to keep this project limited to only admin side. There would be no direct access of customer to the this service they are just a data entity to the admin which would get manipulated by keeping updation according the entries made.

But for more ease we are planning to land this project with more modification and host it. So even the customer can access the web service but they are limited to perform certain activities such as registering themselves etc. Admin would be ideally stable and will manage the entries as he is doing now. Only updation we are going to do is to facilitate the customer by giving them access to the service

Conclusion

Thus we have initially identified the requirement and worked on it and developed a web based solution for keeping the track on entries made by customer . We also made assumption about our future scope.

References

There are no references the complete software is developed by our team on their own.

- https://www.w3schools.com/php/
- https://localhost:5500/
- https://phpmyadmin/
- https://apacheservers/
- https://www.facebooc.com/