

PROFESSIONAL TRAINING REPORT

at

**Sathyabama Institute of Science and Technology
(DEEMED TO BE UNIVERSITY)**

Submitted in partial fulfilment of the requirements for the award
Bachelor of Engineering Degree in Computer Science and Engineering

By

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SCHOOL OF COMPUTING
SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
JEPPIAAR NAGAR, RAJIV GANDHI SALAI,
CHENNAI – 600119, TAMILNADU.**

November, 2022



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**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)**

(Established under Section 3 of UGC Act, 1956)

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600119

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SCHOOL OF COMPUTING

BONAFIDE CERTIFICATE

This is to certify that this Professional Training Report is the Bonafide work of **PAUL SHRUTI KANAILAL (Reg. No.40731077)** who carried out the project entitled **"Food Recipe Application"** under my supervision from MAY 2022 to OCTOBER 22.

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Submitted for Viva voce Examination held on _____

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Edit with WPS Office

DECLARATION

I **Paul Shruti Kanailal** (Reg.no: 40731077) hereby declare that the Project Report entitled **"Food Recipe Application"** done by me under the guidance of **Dr. A. Ancy Micheal**, at Sathyabama Institute of Science and Technology is submitted in partial fulfilment of the requirements for the award of Bachelor of Engineering degree in Computer Science and Engineering.

DATE: 09/11/2022

PLACE: Chennai

SIGNATURE OF THE CANDIDATE



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I convey my thanks to **Dr. T. Sasikala, M.E., Ph.D.**, Dean of the Computer Science and engineering and **Dr. S. VIGNESHWARI M.E., Ph.D.**, and **Dr.L.LAKSHMANAN M.E., Ph.D.**, Head of the Department of Computing for providing me necessary support and details at the right time during the progressive views.

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TRAINING CERTIFICATE



ABSTRACT

The use of mobile devices such as, smartphone or tablets have increased significantly in the past decade. All these devices use applications that are created for them. These applications can provide many different services including, social media, music streaming, video streaming, ride sharing, online shopping, and video games. Some of these apps need to be constantly connected to the internet to function properly, while others can work offline. This paper presents a Food Recipe Application that helps users find and view different food recipes based on different categories, as well as allowing them to add their own recipes to the database. The users can filter the list of recipes based on the ingredients used in the recipe, the prep time, cook time, ready time, and the number of servings. The app aspires to run efficiently, while having an intuitive a simple design that provides the user all the necessary functionalities.

This software helps food orders to maintain day to day records in system. It is keeping a proper record of the database.

Databases can be accessed directly or through a web-service. Web-service refers to an application or Data source that accessible through standard web protocols. The important aspect of web-services is that they are designed to communicate with other programs instead of directly doing so with the user. The main benefit of using a webservice to connect to a database is that usually a web-service can communicate any application, no matter where the application resides. For example, connection to a web1 service can be implemented on an Android app, while also using the web-service on an iOS app, without the need to recode the web-service or the app.



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CHAPTER 1

INTRODUCTION

1.1 Introduction

The advancement in technology has made our lives easy like never before. Everything that we require is available at our fingertips. With a few taps on our smartphones, we can complete tasks in minimal time. From entertainment to learning and from fitness to cooking, there are various applications for everything that we need. With just a click of a button, you can get access to multiple recipes within a second. Each recipe provides you with all the information, from the ingredients required to each step required to cook the different parts of the dish. These applications are generally used by people who want to try to make some new dish, or by people who live all by themselves, or by working people who are always short on time. Even though there has been such a huge advancement in technology, all these applications provide you with the ingredients required, and you must go and buy the ingredients that are not available to you currently. The solution we came to is an Android Application that will provide you recipes based on the ingredients that you already have with you, resulting in less wastage of time and money in buying the unavailable ingredients. The application contains an available database of food recipes that can be browsed through by the user. Most importantly the user can choose to only see those recipes with a specific set of ingredients available to it. The user also has the option to filter, sort and favorite those recipes based on its preference. Moreover, the application also allows the user to add new recipes and ingredients to the application.



1.1.1 HTML

HTML, Hyper Text Mark-up Language, gives content structure and meaning by defining that content as, for example, headings, paragraphs, or images.

CSS or cascading style sheets is a presentation language created to style the appearance of content using for example, fonts or size, colours.

The two language HTML and CSS are independent of one another and should remain that way, CSS should not be written inside of an HTML document and vice versa. As a rule, HTML will always represent the appearance of that content.



Figure 1.1.1

1.1.2 CSS:

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a mark-up language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.



Figure 1.1.2

1.1.3 JAVASCRIPT:

JavaScript is a programming language that adds interactivity to your website. This happens in games, in the behaviour of responses when buttons are pressed or with data entry on forms; with dynamic styling; with animation, etc.



Figure 1.1.3

1.1.3 ANGULAR JS:

HTML is great for declaring static documents, but it falters when we try to use it for declaring dynamic views in web-applications. AngularJS lets you extend HTML vocabulary for your application. The resulting environment is extraordinarily expressive, readable, and quick to develop.

AngularJS is a toolset for building the framework most suited to your application development. It is fully extensible and works well with other libraries. Every feature can be modified or replaced to suit your unique development workflow and feature needs.



Figure 1.1.4

1.2 HOW WEB PAGE WORKS

Web development is work involved in developing a web site for the internet. Web development can range from developing a simple single static page of plain text to complex web-based internet applications.

Among web professionals, "Web development" usually refers to the main non design aspects of building web sites writing code and makeup. web development use content management systems to make content changes easier and available with basic technical skills.

For larger organizations and business web development terms can consist of hundreds of people and follow organizations and follow standard methods like agile methodologies while developing websites. Since the commercialization of the web, web development has been a growing industry. The growth of the industry is being driven by business wishing to use this website to sell products and services to customer. Separation of formatting and content also makes it feasible to present the same markup page in different styles for different rendering

methods , such as on-screen, in print, by voice(via speech- based browser or screen reader), and on Braille- based tactile devices. CSS also has rules for alternate formatting if the content is accessed on a mobile device.

1.3 COMPONENTS OF WEB DEVELOPMENT

1. Reliable Web Hosting Service -: Think of your web host as similar to a landlord who rents you space for a physical store. They provide and maintain the server space where your site files “live” and make it possible for visitors to come by and explore your site.

2. A Content Management System (CMS) -: Your content management system works behind the scenes to help you organize and maintain parts of your website like your site pages and meta data, and it makes it easier for visitors to find their way around your site.

3. Analytics Tools -: You’ll want to know how people are finding your site, which pages they spend the most time on, and how well different elements of your site convert. Google Analytics is the most popular and easy to use resource, it doesn’t cost anything, and it integrates easily with Word Press and some website builder tools.

4. Mobile Friendly Template and Theme -: Your site will need to look great on all kinds of screens: laptops, desktops, tablets, and especially smartphones. Choose a mobile-optimized or responsive design so your site is fast-loading, easy to read, and easy to navigate on phones, which are the way most web users search now.

5. Media -: It’s a rare site that can build an audience on words alone. Our eyes are naturally drawn to images, especially if they move and make noise, and images are a must if you’re selling merchandise online. People will also want to see a photo of you in your about us section.

6. Social Media Links and Integration -: You don’t have to be on every platform, but you should link your site’s social media accounts to the site itself.



1.4 METHODS AND FEATURES

1. IONIC:

Ionic is a framework devoted to building hybrid mobile apps with HTML5, CSS and AngularJS. Ionic uses Node.js, AngularJS as its engine. Ionic comes with CSS components like buttons, lists, cards, forms, grids, tabs, and more. So Ionic is a web technology that can be used to create a web application. Because the hybrid then the application is only made 1 time but can be released on more than 1 platform alias cross-platform. Ionic Using the Opensource license, using the latest web technologies Ionic utilizes AngularJS for its logic implementation that offers fast, native app performance and responsiveness. In addition to the free and opensource Ionic Framework, Ionic also introduced the Ionic Platform. Ionic Platform provides additional services for ionic developers. Ionic Platform adds Create, Deploy, Update, Analytics, Marketing (Ionic Market) and Push Notifications features to applications built with Ionic.

2. Application Design:

This app is designed using the iconic framework. With this framework, the language used as logic in JavaScript with additional CSS and also PHP. There are 4 main features in this application, namely write page, search page and timeline and login. Before designing, mock-up design will be added first. This page has functions for writing or adding recipes. This page can be accessed by any user who already has account. The results of this recipe written by the user will be reviewed by our team.

Users can fill the number of materials that users have; user can write down the steps in making the cooking according to the material in the step column. User can also add photos as a complement.



HTML/CSS (Any Programming Language)-:

Almost all the websites on the web are created and designed by using HTML/CSS and programming languages such as PHP, JavaScript, MySQL, etc. Even the website builder application, wordpress.com, wordpress.org, wix.com, google.com, facebook.com, and amazon.com all these websites are created by using HTML, CSS and various programming languages.

1.5 Objectives

The general objectives of the study are to develop a reliable, convenient and accurate Food Recipe Application.

- The study has the following specific objectives:
- To develop a system that will surely satisfy the customer service.
- To design a system able to accommodate huge number of recipe search at a time.
- To evaluate its performance and acceptability in terms of security, user-friendliness, accuracy and reliability.
- To improve the communication between the client and the server and minimize the time of searching the of recipes.

The system will also automatically calculate and displays the final bill so the bills will ready to print having any error because the information for that item is already inserted.

1.6 Report

1.6.1 Introduction

This section includes the overall view of the project i.e., the basic problem definition and the general overview of the problem which describes the problem in layman terms.

It also specifies the software used and the proposed solution strategy.

1.6.2 Software Requirements and Specification

This section includes the Software and hardware requirements for the smooth running of the application.

1.6.3 Design & Planning

This section consists of the Software Development Life Cycle model. It also contains technical Diagrams like the Data Flow Diagram and the Entity Relationship diagram.

1.6.4 Implementation Details

This section describes the different technologies used for the entire development process of the Front-end as well as the Back-end development of the application.

1.6.5 Results and Discussion

This section has screenshots of all the implementation i.e., user interface and their description.

1.6.6 Summary and Conclusion

This section has screenshots of all the implementation i.e., user interface and their description.



CHAPTER 2

AIM AND SCOPE

2.1 AIM:

With the improvement of technology, online food recipe applications are becoming a popular topic. That's because they are serving the ever-increasing demand for convince. The main purpose of an online food recipe system is to provide customers for a way to search for a required recipes over the internet.

So why is this important?

The main reason is that it benefits the user as per their convenient.

With a website or mobile app, users can easily browse all the dishes the restaurant has available, customize dishes to their requirements and place an order. It can also save their favourite orders allowing them to easily re-order that in the future.

From the restaurant's perspective, they no longer spend time taking the customer's order, stop worrying about communication errors and streamline their order management workflow.

SCOPE:

The Scope of the project (Android / web panel-based application) are as follows: Food Recipe Application can take up different styles of cuisines as per their requirement

Food Recipe app can sale Food product, preferred brands, kitchen needs, essential restaurant supplies and more, through this online, one-stop Food store. It provides you with a convenient way to sale from your Food shopping app.



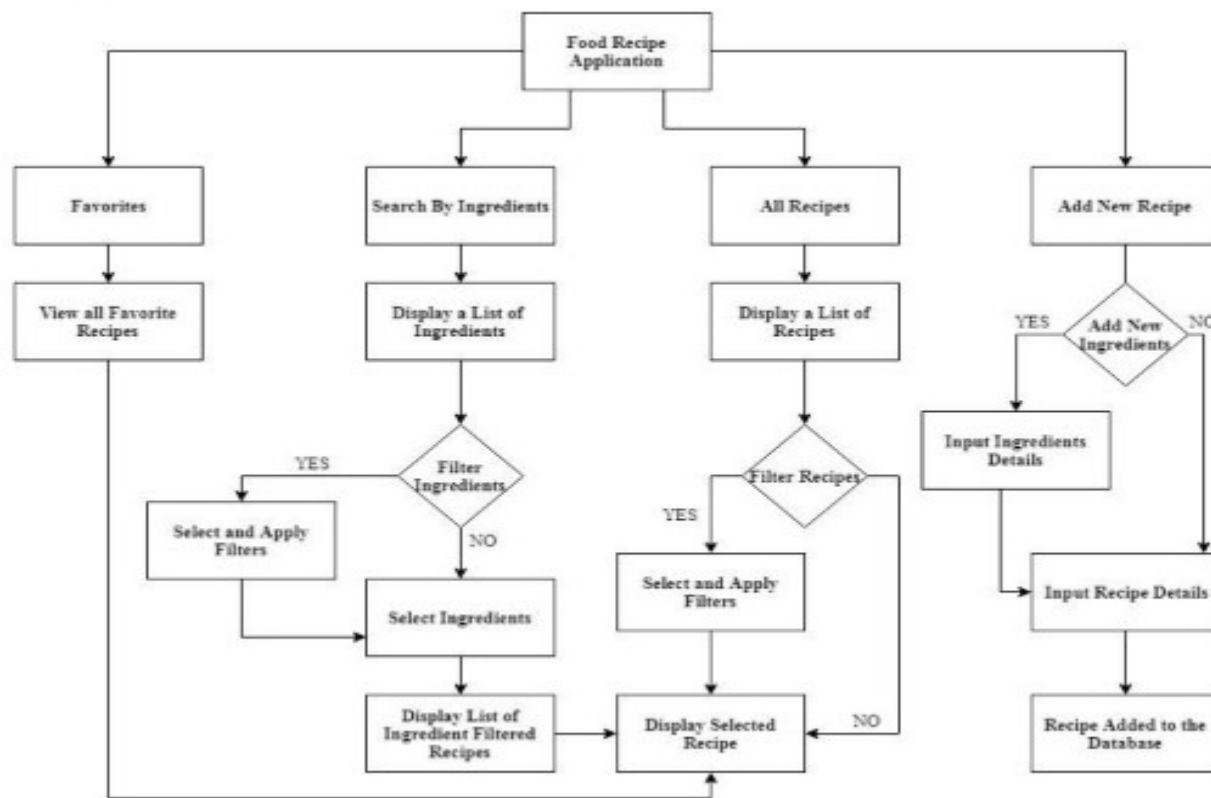


Figure 1: Application Flow

Figure 2

CHAPTER 3

METHODS AND ALGORITHMS

3.1 Work Environment

3.1.1 Front end Developer

The front-end developer generally works at client side dealing with the web page design, graphics that is accessible to the user.

3.1.2 Back-end Developer

The back-end developer is a person who is responsible for the back-end development that interacts with the server. This type of web developer specializes in the languages like PHP.

3.2. Instance

A cloud instance is a virtual server instance in a cloud computing environment. It is built, hosted and delivered using a cloud computing platform, and can be accessed remotely. A cloud computing platform is a shared pool of compute resources and services that can be rapidly provisioned with minimal efforts. For the most part, a cloud instance works the same way as physical servers. Dedicated compute resources are reserved for each cloud instance. Because the instance is virtualized it is hardware independent and can be easily moved from one hardware node to another. Instances therefore, share the resources of several hardware nodes making it easy to scale, more flexible, and more cost-efficient than other solutions.

Cloud instances are also known as cloud servers, virtual servers, virtual machines etc

CHAPTER 4

ANALYSIS AND RESULTS

ANALYSIS

The backend features of food recipe application websites offer various levels of access. With first kind of level of access one can edit and manage multiple cuisines; with second level of access, it is possible to edit and manage multiple cities while with the third level of access one can have full control on everything. The fast and easy set up ensures that a huge amount of time is saved in uploading information regarding restaurants.

The Start Dashboard is highly informative yet user-friendly and lets the users get information quickly and easily. The high-end backend features allow one to create, edit or delete a big number of recipes without any risk of system crash as per their requirement. The unique URL for recipes allows the users get access to them easily and directly.

All details about your restaurant or business-like name, address, mobile number, neighbourhood, zip code and accept credit cards as well as open days, categories, min purchase amount, email, PayPal email, delivery zones, and Logo are provided. There are also features for setting up flexible opening times by day for great flexibility. Facility for creating multiple menus or catalogues is also there along with set time advantage so that you can have one menu during morning and one in the night. Using the system you can create, edit, delete product or dish, specify product price and add image.

The system lets you have complete control on product “extras” or optional “ingredients” and a user can make dish with ease. All information including name, last name, email, address, phone-number, country, city, postal code, payment method and other details like products, extras, ingredients, are provided in that site. With User Profile Editor, any user can edit his or her own profile while it makes it possible to find and manage recipes easily and quickly.



RESULTS

4.1 Learning Outcomes

4.1.1 HTML

- **Basic concept** (www & HTTP, HTTPS, Client Server Communication)
- **Basic HTML (Tags, Element, Attributes, Paragraphs, Headings, Line Breaks, Horizontal Rule, Lists, Table, Colour Codes, Font, Text Linking, Email, Images, Background, Comments, Meta)**
- **HTML Forms** (Input, Text Fields, Password, Checkbox, Combo Box, Radio, Text Areas, Files, Buttons)
- **HTML5 features**

4.1.2 CSS

- **Basic CSS** (selector, internal, external, Inline, Class, Id, Background, font, Text, Padding, Margin, Border, list CSS, hovering and elements)
- **Advance CSS** (border-radius, opacity, cursor, layers, position, display, float, gradient, and Multiple column)
- **Concept of Menus** (single menu, dropdown menu) ■ **Template, design using CSS div.**

4.1.3 JavaScript

- **Basic JavaScript** (Syntax, Enable, Location, Operators, Variables, Events, Alert, Confirm, Prompt, POP up, Date, print)
- **JavaScript String** (Strings, Length, Split, Search, Replace)
- **JavaScript advanced** (get Element by Id, Inner HTML, Get table, index, DOM, manipulation, Regular Expression)

4.1.4 ANGULAR JAVASCRIPT

- Control Structures (if, else, else if, while, do-while, for, for each, break, continue, switch)
- Include (require, include, require_ once, include_ once)
- Function (User-defined Function, Function arguments, returning values, variables function)
- Array (array declaration, merging, sorting, deleting, inserting)

4.3 System Requirements

4.3.1 Software Requirements & Language

- Visual Code Editor
- Xampp
- Front-end (HTML, CSS, JavaScript)
- Back-end (SQL, PHP)



CHAPTER 5

CONCLUSION AND FUTURE SCOPE

5.1 Conclusion

specifically, this application has a function to find recipes online with the basis of similarity of materials owned by the user.

With this application users can find recipes with ingredients that match what is owned by the user. From various surveys and series of tests performed related to the functional Recipe application, it can be concluded that this application is able to be accepted by the user well.

Regardless of the imperfection of this application, the core features offered can still run well. This is evidenced by the survey results that show about 90% of users agree if the application is released globally.

5.2 Future Scopes

Especially if I don't have any experience. Finding work can be a real challenge.

- To be work IT company.
- Can work as a Software Engineer.
- Can work as a Web Designer.
- Can work as a Web Developer.
- Can work as a QA Tester.

APPENDIX

A. SOURCE CODE

1. WESITE:

```
<?php
include('connection/connect.php');

session_start(); //session started by unique user_id

error_reporting(0); //for printing the text
$sql = "SELECT * FROM signup where user_id='".$_SESSION["user_id"].'";
$result = mysqli_query($db, $sql);
$row = mysqli_fetch_array($result);
$name=$row['firstname'];

if($_SESSION["user_id"]==0)
{
    $none='none';
```



```

}

?>
<!DOCTYPE html>
<!-- Website template by freewebsitetemplates.com -->
<html>
<head>
  <meta charset="UTF-8">
  <title>About - Cooking Recipe </title>
  <link rel="stylesheet" type="text/css" href="css/style.css">
</head>
<body>
  <div class="header">
    <div>
      <a href="index.php"></a>
    </div>

  </div>
  <div class="body">
    <div>
      <div class="header">
        <ul>
          <li>
            <a href="index.php">Home</a>
          </li>
          <li>
            <a href="recipes.php">Recipes</a>
          </li>

```



```

</li>
    <a href="featured.php">Recipe of Month</a>
</li>

<li class="current">
    <a href="about.php">About</a>
</li>
<?php
    if(empty($_SESSION["user_id"]))
    {
        echo '<li><a href="login.php">login</a></li>';
        echo '<li><a
href="signup.php">signup</a></li>';
    }
    else
    {

        $logout= '<form action="login.php"
method="post" >

        <input type="submit" id="logout"
name="logout" value="logout" style="width:100px;color:#000;border:none;padding:5px;font-
size:15px;" ></form>';

    }

?>

</ul>

```



</div>

<div class="body">

<div id="content">

<div>

<div>

<h4>What is Food&Recipes.com?</h4>

<p>

Why waste your precious time with other services when you can create an amazing recipes in just minutes?

Through many years of research, development, and testing, we have created this fantastic recipes. Not only is our website builder tool easy to use, it's reliable and innovative. Our in-house development team is constantly updating our tools to provide our users with the latest foods and recipes.

Plus, our in-house support team is here to help!

</p>

<h4>Our history</h4>

<p>

food&recipes.com was started up in 2005 by a group of guys who have worked in the web hosting industry for years. They realized that there was one thing that plagued traditional web hosting services: usability. Traditional web hosting services were simply too complicated and too difficult for an average person to use. They agreed that making websites should be fun, fast, and easy.

So, they started to develop their own website builder software with these goals in mind. After years of testing and development, they launched this version of food&recipes.com that you see today.

</p>

<h4>How can I contact you if I have a complaint and contact response times</h4>

<p>

You can contact us by submitting a service ticket at: <https://www.website.com/case-tracker/new-case/>

We will respond to your service ticket within 48 hours.

If we do not receive a response from you within 12 days, we will consider the issue to have been resolved.



If you are not satisfied with the outcome of your complaint, you can escalate it by providing additional details in your service ticket.

</p>

</div>

</div>

</div>

</div>

</div>

<div>

<div>

<h3>Cooking Video</h3>

Vegetable & Rice Topping

</div>

<div>

<h3>Featured Recipes</h3>

<ul id="featured">

<div>

<h2>Ham Sandwich</h2>

by: Anna

</div>


```

coffee.jpg" alt="Image"></a>
<div>
    <h2><a href="recipes.php">Biscuit &
Sandwich</a></h2>
    <span>by: Sarah</span>
</div>
</li>
<li>
    <a href="recipes.php"></a>
    <div>
        <h2><a href="recipes.php">Delicious
Pizza</a></h2>
        <span>by: Rico</span>
    </div>
</li>
</ul>
</div>

<div>
    <h3>Get Updates</h3>
    <a href="http://freewebsitetemplates.com/go/facebook/"
target="_blank" id="facebook">Facebook</a>
    <a href="http://freewebsitetemplates.com/go/twitter/" target="_blank"
id="twitter">Twitter</a>
    <a href="http://freewebsitetemplates.com/go/youtube/" target="_blank"
id="youtube">Youtube</a>
    <a href="http://freewebsitetemplates.com/go/flickr/" target="_blank"
id="flickr">Flickr</a>
    <a href="http://freewebsitetemplates.com/go/googleplus/"

```



```

target="_blank" id="googleplus">Google&#43;</a>
    </div>
    <div style="display:<?php echo $none;?>,">
        <h3>Settings</h3>
        <a href="#" ><?php echo $logout;?></a>

    </div>
</div>
<div class="footer">
    <div>
        <p>
            &copy;(Navbro) Copyright 2012. All rights reserved
        </p>
    </div>
</div>
</body>
</html>

```



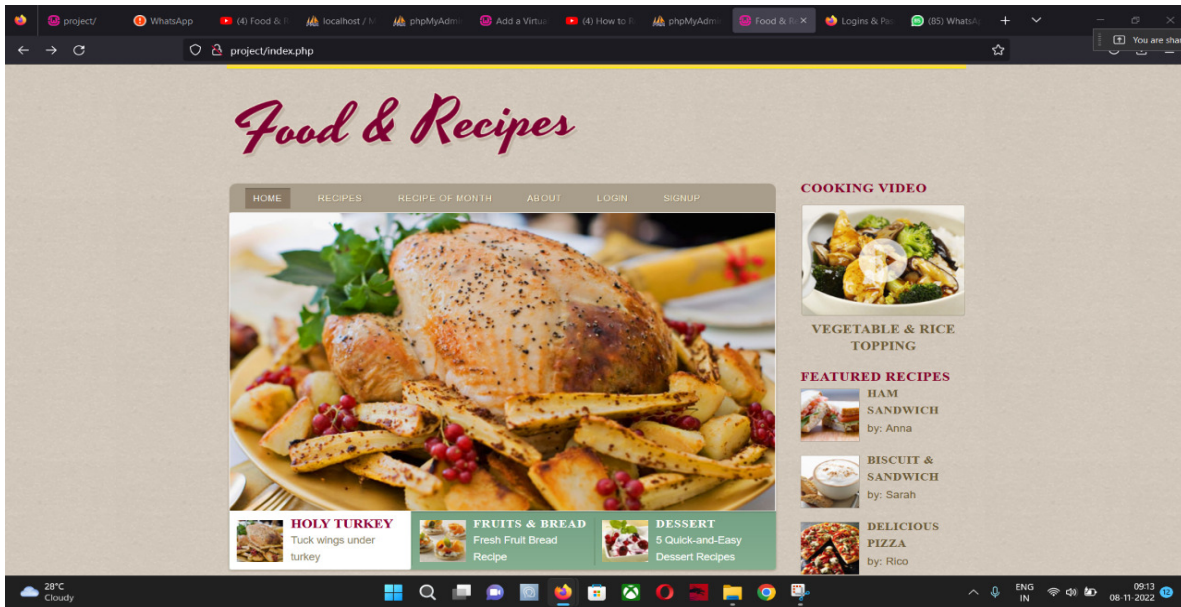


Figure 2

2. LOGIN PAGE:

```
<?php
include("connection/connect.php");
error_reporting(0);
session_start();
if(isset($_POST['submit']))
{
$username = $_POST['user_name'];
$password = $_POST['password'];

if(!empty($_POST["submit"]))
{
$loginquery = "SELECT * FROM signup WHERE email='$username' && password='$password' ";
$result=mysqli_query($db, $loginquery);
$row=mysqli_fetch_array($result);
```



```

if(is_array($row))
    {
        $_SESSION["user_id"] = $row['user_id'];
        header("location:index.php");
    }

    else
    {
        $message = "Invalid Username or Password!";
    }
}

}

```

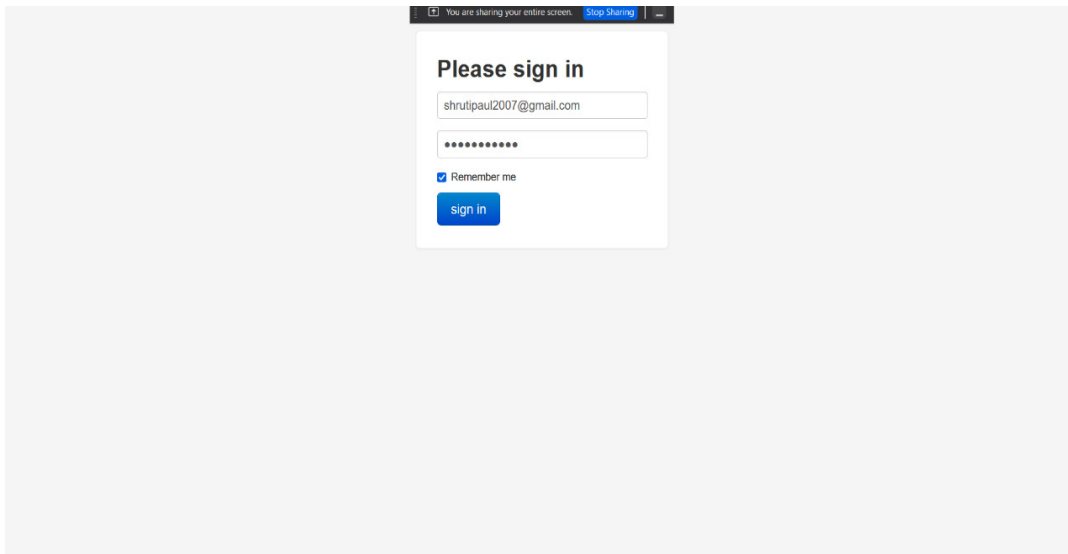


Figure 3

3. SIGNUP PAGE (new user):

```

<?php
include("connection/connect.php");

```

```

if(isset($_POST['submit']))
{
    $fname=$_POST['fname'];
    $lname=$_POST['lname'];
    $email=$_POST['email'];
    $password=$_POST['password'];

    $sql = "INSERT INTO signup(firstname,lastname,email,password)
    VALUES('$fname','$lname','$email','$password')";

    $query=mysqli_query($db, $sql);

    if($query)
    {
        header('location:signup_success.php');
    }

}

?>

```

```

<!DOCTYPE html>

<!-- Website template by freewebsitetemplates.com -->

<html>

<head>

<meta charset="UTF-8">

```



```

<title>signup</title>
<link rel="stylesheet" type="text/css" href="css/style.css">
</head>
<body>
<div class="header">
<div>
    <a href="index.php"></a>
</div>

</div>
<div class="body">
<div>
    <div class="header">
        <ul>
            <li>
                <a href="index.php">Home</a>
            </li>
            <li>
                <a href="recipes.php">Recipes</a>
            </li>
            <li>
                <a href="featured.php">Recipe of Month</a>
            </li>

            <li class="">
                <a href="about.php">About</a>
            </li>
        </ul>
    </div>
    <?php

```



```

        if(empty($_SESSION["user_id"]))
        {
            echo '<li><a href="login.php">login</a></li>';
            echo '<li class="current"> <a href="signup.php">signup</a></li>';
        }
    else
    {

        $logout= '<form action="login.php" method="post" >
                    <input type="submit" id="logout" name="logout"
value="logout" style="width:100px;color:#000;border:none;padding:5px;font-size:15px;" ></form>';
    }

    ?>

</ul>
</div>
<div class="body">
    <div id="content">
        <div>

            <center><h3>Sign up</h3></center>
            <form action=" method='post'>
                <div>

                    <span><label>FIRST-NAME</label></span>
                    <span><input type="text" value="" name='fname'></span>
                </div>

```

```

        <div>
            <span><label>LAST-NAME</label></span>
            <span><input type="text" value="" name='lname'></span>
        </div>
        <div>
            <span><label>E-MAIL</label></span>
            <span><input type="text" value="" name='email'></span>
        </div>
        <div>
            <span><label>PASSWORD</label></span>
            <span><input type="text" value="" name='password'></span>
        </div>

        <div>
            <span><input type="submit" name='submit'
value="Submit"></span>
        </div>
    </form>

</div>
</div>
</div>
</div>
<div>
    <div>
        <h3>Cooking Video</h3>
        <a href="videos.php"></a>
        <span>Vegetable & Rice Topping</span>
    
```

</div>

<div>

<h3>Featured Recipes</h3>

<ul id="featured">

<div>

<h2>Ham Sandwich</h2>

by: Anna

</div>

<div>

<h2>Biscuit & Sandwich</h2>

by: Sarah

</div>

<div>

<h2>Delicious Pizza</h2>

by: Rico

</div>

</div>

```
<div>

    <h3>Get Updates</h3>

    <a href="http://freewebsitetemplates.com/go/facebook/" target="_blank"
id="facebook">Facebook</a>

    <a href="http://freewebsitetemplates.com/go/twitter/" target="_blank"
id="twitter">Twitter</a>

    <a href="http://freewebsitetemplates.com/go/youtube/" target="_blank"
id="youtube">Youtube</a>

    <a href="http://freewebsitetemplates.com/go/flickr/" target="_blank" id="flickr">Flickr</a>

    <a href="http://freewebsitetemplates.com/go/googleplus/" target="_blank"
id="googleplus">Google&#43;</a>

</div>

</div>

</div>

<div class="footer">

<div>

    <p>

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    </p>

</div>

</div>

</body>

</html>
```





Figure 4

4. PHP Connect:

```
<?php
```

```
error_reporting(0);
```

```
include("connection/connect.php");
```

```
$query = "SELECT rating_number, FORMAT((total_points / rating_number),1) as average_rating FROM  
post_rating WHERE post_id = 1 AND status = 1";
```

```
$result = $db->query($query);
```

```
$ratingRow = $result->fetch_assoc();
```

```
session_start(); //session started by unique user_id
```

```
//for printing the text
```

```
$sql = "SELECT * FROM signup where user_id='".$$_SESSION["user_id"]."'";
```

```
$results = mysqli_query($db, $sql);
```

```
$row = mysqli_fetch_array($results);
```



```
$name=$row['firstname'];
```

```
$DISC = $_GET['DISC'];
```

```
$sql="select * from full_recipy where rid='$DISC' ";
```

```
$resul=mysqli_query($db,$sql);
```

```
$row=mysqli_fetch_array($resul);
```

```
$title = $row['title'];
```

```
$title_text= $row['title_text'];
```

```
$image = $row['image'];
```

```
$ing = $row['ing'];
```

```
$ing_text = $row['ing_text'];
```

```
$rid = $row['rid'];
```

```
$disc = $row['disc'];
```

```
?>
```

```
<html>
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<title>Full-Recipes</title>
```



```

<link rel="stylesheet" type="text/css" href="css/style.css">
<link href="rating.css" rel="stylesheet" type="text/css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"></script>
<script type="text/javascript" src="rating.js"></script>
<script language="javascript" type="text/javascript">
$(function() {
    $("#rating_star").codexworld_rating_widget({
        starLength: '5',
        initialValue: "",
        callbackFunctionName: 'processRating',
        imageDirectory: 'images/',
        inputAttr: 'postID'
    });
});

function processRating(val, attrVal){
    $.ajax({
        type: 'POST',
        url: 'rating.php',
        data: 'postID='+attrVal+'&ratingPoints='+val,
        dataType: 'json',
        success : function(data) {
            if (data.status == 'ok') {
                alert('You have rated '+val+' to <?php echo $title;?>');
                $('#avgrat').text(data.average_rating);
                $('#totalrat').text(data.rating_number);
            }else{
                alert('Some problem occurred, please try again.');
```



```

    }
}
});
}
</script>
<style type="text/css">
    .overall-rating{font-size: 14px;margin-top: 5px;color: #8e8d8d;}
</style>
</head>
<body>
<div class="header">
<div>
    <a href="index.php"></a>
</div>

</div>
<div class="body">
<div>
    <div style="min-height:10px;width: 410px;background-color:#e6dfd1;display:inline-block;border-
radius:5px;">

        <ul>
            <input name="rating" value="0" id="rating_star" type="hidden" postID="1" />
            <div style="min-height:40px;width: 200px;background-
color;;float;;">

                <p style="display:inline-block;min-height:20px;width:
120px;background-color;;">

                    (Average Rating):

                </p>

```



```

color;;margin-right:30px;">
<p style="float:right;min-height:20px;width: 50px;background-
color;;margin-right:30px;">
120px;background-color:;">
<?php echo $ratingRow['average_rating']; ?>
</p>
<p style="display:inline-block;height:20px;width:
(based on):
</p>
<p style="float:right;min-height:20px;width: 50px;background-
color;;margin-right:30px;">
<?php echo $ratingRow['rating_number']; ?>
</p>
</div>
</ul>
</div>
<div class="header" style="margin-top:30px;">
<ul>
<li>
<a href="index.php">Home</a>
</li>
<li>

```



```

        <a href="recipes.php">Recipes</a>
    </li>
    <li >
        <a href="featured.php">Recipe of Month</a>
    </li>
    <li>
        <a href="about.php">About</a>
    </li>
<?php
    if(empty($_SESSION["user_id"]))
    {
        echo '<li><a href="login.php">login</a></li>';
        echo '<li><a href="signup.php">signup</a></li>';
    }
    else
    {
        $logout= '<form action="login.php" method="post" >
        <input type="submit" id="logout" name="logout"
value="logout" style="width:100px;color:#000;border:none;padding:5px;font-size:15px;" ></form>';
    }

?>

</ul>

```



```
</div>
```

```
<div class="body">
```

```
  <div id="content">
```

```
    <div>
```

```
      <div>
```

```
        <?php
```

```
          echo  '<h3>'.$title.'</h3>';
```

```
          echo'<p>
```

```
              '.$title_text.'
```

```
          </p>';
```

```
          echo  "<img style='width:650px;
```

```
height:350px;
```

```
margin-top:5px;
```

```
margin-left:5px;
```

```
border-radius:5px;
```

```
' src='admin/img/'.$row['image'].'" />";
```

```
          echo  '<h5>INGREDIENTS</h5>';
```

```
          echo      $ing_text;
```

```
          echo'<h5>DIRECTIONS</h5>';
```

```
          echo      $disc;
```

```
        </div>
```

```
      <?php include('commentbar.php');?>
```

```
    </div>
```

```

        </div>
    </div>
</div>
<div>
    <div>
        <h3>Cooking Video</h3>
        <a href="videos.php"></a>
        <span>Vegetable & Rice Topping</span>
    </div>
    <div>
        <h3>Featured Recipes</h3>
        <ul id="featured">
            <li>
                <a href="recipes.php"></a>
                <div>
                    <h2><a href="recipes.php">Ham Sandwich</a></h2>
                    <span>by: Anna</span>
                </div>
            </li>
            <li>
                <a href="recipes.php"></a>
                <div>
                    <h2><a href="recipes.php">Biscuit & Sandwich</a></h2>
                    <span>by: Sarah</span>
                </div>
            </li>
            <li>

```

```

        <a href="recipes.php"></a>
    </div>
        <h2><a href="recipes.php">Delicious Pizza</a></h2>
        <span>by: Rico</span>
    </div>
</li>
</ul>
</div>

<div>
    <h3>Get Updates</h3>
    <a href="http://freewebsitetemplates.com/go/facebook/" target="_blank"
id="facebook">Facebook</a>
    <a href="http://freewebsitetemplates.com/go/twitter/" target="_blank"
id="twitter">Twitter</a>
    <a href="http://freewebsitetemplates.com/go/youtube/" target="_blank"
id="youtube">Youtube</a>
    <a href="http://freewebsitetemplates.com/go/flickr/" target="_blank" id="flickr">Flickr</a>
    <a href="http://freewebsitetemplates.com/go/googleplus/" target="_blank"
id="googleplus">Google&#43;</a>
</div>
<div style="display:<?php echo $none;?>,">
    <h3>Settings</h3>
    <a href="#" ><?php echo $logout;?></a>
</div>
</div>
</div>
<div class="footer">
<div>

```



<p>

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</p>

</div>

</div>

</body>

</html>

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I also went through various tutorial from different teaching organization such as UDEMY, Coursera, PROGATE, and some tutorial from YouTube.

