

## Table of contents

<b>1</b>	<b>Prerequisites.....</b>	<b>2</b>
<b>2</b>	<b>Set Up the Environment .....</b>	<b>2</b>
2.1	<i>Install XAMPP: .....</i>	2
2.2	<i>Install Git (if not already installed): .....</i>	2
2.3	<i>Clone the Repository.....</i>	2
2.4	<i>Configure the Database.....</i>	3
<b>3</b>	<b>Run the Application .....</b>	<b>3</b>
3.1	<i>Application Functionality.....</i>	3
3.1.1	<i>Creating an Account: .....</i>	3
3.1.2	<i>Posting a New Contribution:.....</i>	4
3.1.3	<i>Following Friends: .....</i>	4

# Deployment Manual for Recipe radar

This deployment manual provides detailed steps for Recipe Radar. The website uses HTML, PHP, CSS, phpMyAdmin, and JavaScript, and is designed to be compatible with all operating systems.

## 1 Prerequisites

Before beginning the deployment process, ensure you have the following prerequisites installed and configured:

**Operating System:** Any OS with a web server (Windows, macOS, Linux)

**Web Server:** XAMPP (includes Apache, MySQL, PHP, and phpMyAdmin)

**Version Control:** Git, Github.

## 2 Set Up the Environment

### 2.1 Install XAMPP:

Download XAMPP from the official website: [XAMPP Download](#)

Follow the installation instructions for your operating system.

Once installed, open the XAMPP Control Panel and start the Apache and MySQL modules.

### 2.2 Install Git (if not already installed):

Download Git from the official website: [Git Download](#)

Follow the installation instructions for your operating system.

### 2.3 Clone the Repository

- Open a terminal or command prompt and navigate to the htdocs directory in your XAMPP installation:

```
cd /path/to/xampp/htdocs
```

- For Windows, this is typically:

```
cd C:\xampp\htdocs
```

- Clone the project repository from GitHub:

```
git clone https://github.com/ahmetc27/RecipeRadar.git
```

- Navigate to the project directory:

```
cd RecipeRadar
```

## 2.4 Configure the Database

- **Open phpMyAdmin:**

Open your web browser and go to: <http://localhost/phpmyadmin>

- **Create a new database:**

- Click on "New" in the left sidebar.
- Enter `reciperadar_db` as the database name and click "Create".

- **Import the database schema:**

- Select the `reciperadar_db` database.
- Click on the "Import" tab.
- Click "Choose File" and navigate to the **database Folder** within the cloned repository. Select the SQL file (e.g., `reciperadar_db.sql`) from there.
- Click "Go" to import the database schema.

## 3 Run the Application

Open your web browser and navigate to <http://localhost/reciperadar> to access the website.

### 3.1 Application Functionality

#### 3.1.1 Creating an Account:

- **Registration:**

- **Optional:** Salutation
- **Required:** First Name, Middle Name, Last Name, Birth Date, E-Mail Address (unique), Username (unique), Password, Repeat Password

By default, users are registered with the User Type "User." If you wish to register as an "Admin," you must follow these additional steps:

- Go to the users table in the database.
- Locate the newly registered user and click "Edit."
- Change the "Type" from "user" to "admin."

- **User Login and Features**

After registering, users can log in with their username and password. Once logged in, they are entitled to the following features:

- View more posts
- Post new contributions and delete them
- Follow friends
- Like, comment on, and share posts
- Edit their profile information

- **Admin Features**

If a user is registered as an admin in the database, additional functionalities are available upon logging in:

- View a list of all registered users by clicking on "User List" in the navbar

- Change the user type from "user" to "admin" and vice versa:
  - Click on the "Details" button below the relevant user
  - The user's details will be displayed
  - Select the desired user type from the "User Type" dropdown menu
  - Click the "Update User Type" button to apply the change
- Delete any post made by any user

### 3.1.2 Posting a New Contribution:

- **Accessing the Post Form:**

Users can go to the homepage and click on "Toggle post Form" to open the form for a new contribution.

- **Filling Out the Post Form:**

Users need to provide the following information:

**Meal Title:** Title of the dish

**Description:** Detailed description of the dish

**Instructions:** Preparation instructions

**Upload Photo:** Upload a photo of the prepared dish

**Ingredients/Recipe:** List of ingredients required

**Choose Season:** Select the season best suited for the dish

### 3.1.3 Following Friends:

- **Searching for Friends:**

Users can use the search field in the navbar to find friends' profiles by name.

- **Sending Follow Requests:**

After finding a friend's profile, users can send a follow request.

Dependencies