1. **Download and follow the displayed instructions to install XAMPP application (to host the project by local server). XAMPP something alike below:-**  
     
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2. **\*\*Copy paste the newproject folder in this XAMPP path: C:\xampp\htdocs\...**

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1. **Start MySQL and Apache from XAMPP control panel.**

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1. **Create a new database namely “recipe\_app” from “**[**http://localhost/phpmyadmin/**](http://localhost/phpmyadmin/)**” (server admin).**
2. **Create “comments”, “meal\_plans”, “preferences”, “recipes”, “shopping\_list”, and “user” tables under the database. To create the tables:**
   1. Select “**recipe\_app**” database.
   2. Click on the SQL tab to run SQL queries.
   3. Run the following SQL queries to create the tables:
      1. **Users table**

CREATE TABLE users (

id INT AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(50) NOT NULL,

password VARCHAR(255) NOT NULL,

email VARCHAR(100) NOT NULL,

first\_name VARCHAR(50) NOT NULL,

last\_name VARCHAR(50) NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

* + 1. **Recipes table**

CREATE TABLE recipes (

id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(100) NOT NULL,

instructions TEXT NOT NULL,

prep\_time INT NOT NULL,

cook\_time INT NOT NULL,

nutritional\_info TEXT,

ingredients TEXT NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

* + 1. **Comments table**

CREATE TABLE comments (

id INT AUTO\_INCREMENT PRIMARY KEY,

recipe\_id INT NOT NULL,

user\_id INT NOT NULL,

comment TEXT NOT NULL,

rating INT NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (recipe\_id) REFERENCES recipes(id) ON DELETE CASCADE,

FOREIGN KEY (user\_id) REFERENCES users(id) ON DELETE CASCADE

);

* + 1. **Shopping\_list table**

CREATE TABLE shopping\_list (

id INT AUTO\_INCREMENT PRIMARY KEY,

user\_id INT NOT NULL,

item VARCHAR(255) NOT NULL,

category VARCHAR(50) NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES users(id) ON DELETE CASCADE

);

* + 1. **Meal\_plans table**

CREATE TABLE meal\_plans (

id INT AUTO\_INCREMENT PRIMARY KEY,

user\_id INT NOT NULL,

recipe\_id INT NOT NULL,

date DATE NOT NULL,

FOREIGN KEY (user\_id) REFERENCES users(id) ON DELETE CASCADE,

FOREIGN KEY (recipe\_id) REFERENCES recipes(id) ON DELETE CASCADE

) ENGINE=InnoDB;

* + 1. **Preferences table**

CREATE TABLE IF NOT EXISTS preferences (

user\_id INT PRIMARY KEY,

dietary\_preferences VARCHAR(255) NOT NULL,

allergies VARCHAR(255) NOT NULL,

FOREIGN KEY (user\_id) REFERENCES users(id) ON DELETE CASCADE

) ENGINE=InnoDB;

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1. **Once the setup is done, Visit the website with “http://localhost/newproject/ “ from any browser to launch the project.**

A screen shot of a recipe

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1. **Sign Up, Sign In and you can visit “Dashboard” page, where you land to see all the other functionalities.**

A screenshot of a dashboard

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**Note: Every keyword is case-sensitive, and make sure every single step and point are done correctly, else you cannot experience the project in your local ☹.**