A Project Report on

FEEDFRIEND:FOSTERING COMMUNITY INVOLVEMENT IN FOOD ASSISTANCE USING PYTHON

Submitted in Fulfilment of Requirement for the Award of the Degree of

BACHELOR OF TECHNOLOGY
in
COMPUTER SCIENCE AND ENGINEERING

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CERTIFICATE

This is to certify that the project work titled " **FEEDFRIEND: FOSTERING COMMUNITY INVOLVEMENT IN FOOD ASSISTANCE USING PYTHON** " is a bonafide work done by P.RAMYA(20NP1A05A3), D.GEETHIKA(20NP1A0575), P.PAVITRA(20NP1A05A2), P.SUPRIYA (20NP1A05A5), under my supervision and is submitted to JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA in fulfilment for the award of the degree of "Bachelor of Technology" in COMPUTER SCIENCE AND ENGINEERING is a record of bonafide work carried out by them under my supervision during the academic year 2023-2024 and it has been found worthy of acceptance as per the requirements of the university.

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EXTERNAL EXAMINER

DECLARATION

We, here by declare that this project work titled "**FEEDFRIEND:FOSTERING COMMUNITY INVOLVEMENT IN FOOD ASSISTANCE USING PYTHON**" is a genuine work carried out by us, for the fulfilment of BACHELOR OF TECHNOLOGY, submitted to the Dept. of Computer Science & Engineering, **VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN** during the academic year 2023-2024 under the supervision of **Mrs. CH.DEEPIKA ,** and this has not submitted earlier for conferring any Degree/Diploma, or similar title to any candidate of the university.

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ABSTRACT

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Feed Friend is a groundbreaking Python-based platform designed to revolutionize food assistance initiatives by prioritizing community engagement and inclusivity. Moving beyond traditional food bank management, Feed Friend fosters a dynamic environment where users actively participate, communicate, and stay informed. Key features include a central hub for seamless navigation, a real-time dashboard, personalized user profiles, interactive post creation, community updates, and secure logout functionality. Developed with Flask for web development, Feed Friend ensures a user-friendly experience, aiming to create a connected community that goes beyond food distribution to make a lasting impact.

Feed Friend aims to bridge the gap between surplus food resources and those in need by facilitating efficient distribution channels. Through its Python-based platform, Feed Friend offers several key features. Firstly, it provides a user-friendly interface for food donors, allowing them to easily register surplus food items and schedule pickups. Leveraging Python's versatility, the platform employs algorithms to match available donations with nearby recipients in real-time, optimizing resource allocation.

Furthermore, Feed Friend fosters community engagement by enabling volunteer participation. Python's robustness enables the development of intuitive volunteer management systems, allowing users to sign up for various tasks such as food collection, sorting, and distribution. Moreover, Feed Friend utilizes data analytics powered by Python to generate insights into donation trends, recipient demographics, and logistical efficiencies, facilitating continuous improvement and informed decision-making.

Feed Friend : Fostering Community Involvement in Food Assistance using Python

CONTENTS

INDEX

LIST OF FIGURES

INTRODUCTION

CHAPTER - 1
INTRODUCTION

In a world where food insecurity persists as a stark reality for millions, the imperative to foster community involvement in food assistance has never been more pressing. Amidst this challenge, FeedFriend emerges as a beacon of hope, offering a transformative approach that transcends mere food provision to cultivate a sense of solidarity, empowerment, and belonging within neighborhoods.

At the heart of FeedFriend lies a powerful synergy between technology and grassroots engagement, aimed at addressing the multifaceted issue of hunger while nurturing vibrant, resilient communities. Through a seamless digital platform, FeedFriend streamlines the process of food donation, collection, and distribution, harnessing the potential of innovation to amplify impact and efficiency.

However, FeedFriend is not merely a technological solution; it is a testament to the power of community collaboration. By actively involving local residents, businesses, and organizations, FeedFriend fosters a culture of shared responsibility and mutual support, transcending socioeconomic barriers to build bridges of empathy and solidarity.

Moreover, FeedFriend's initiative goes beyond the realm of food provision, challenging social norms and fostering inclusivity. By creating spaces for diverse voices to be heard and valued, FeedFriend cultivates a sense of belonging and dignity among participants, transforming food assistance into a catalyst for social change.

As we embark on this journey with FeedFriend, let us explore the transformative potential of community-driven approaches to food assistance, and the profound impact they can have on individuals, neighborhoods, and society as a whole. Together, let us envision a future where no one goes hungry, and where every community member is empowered to thrive.

Moreover, Feed Friend embodies the principles of inclusivity and accessibility, ensuring that no one is left behind in the fight against food insecurity. By offering multilingual support, intuitive interfaces, and mobile compatibility, Feed Friend ensures that individuals from diverse backgrounds can easily access and participate in its programs.

CHAPTER - 2
LITERATURE SURVEY

A literature review for a project like "Feed Friend: Fostering Community Involvement in Food Assistance" would typically involve researching and analyzing existing literature, studies, and articles related to community involvement in food assistance programs, online platforms for community engagement, and related technologies. Here's a general outline of how you might structure your literature review:

Focus Areas:

1. **Efficiency and Access:** Explore how technology can streamline food assistance programs, making them more efficient and easier to access for recipients.
   - Research on online applications for program enrollment, mobile apps for pantry location, and digital benefit management systems.
   - Analyze how these technologies impact processing times, reduce administrative burdens, and improve user experience.
2. **Volunteer Management and Community Engagement:** Investigate how technology can facilitate volunteer recruitment, management, and communication within food assistance programs.
   - Examine platforms that connect volunteers with those in need, track volunteer hours, and facilitate communication.
   - Analyze the impact of these platforms on volunteer participation rates, improved food distribution networks, and the creation of stronger community support systems.
3. **Dietary Quality and Nutrition Education:** Explore how technology can be used to promote healthy eating habits and improve dietary quality among program participants.
   - Research on mobile apps providing recipes, nutritional information, and healthy meal planning tools.
   - Analyze studies on the effectiveness of these tools in increasing fruit and vegetable consumption, reducing diet-related health risks, and promoting food literacy.
4. **Bridging the Digital Divide:** Identify the challenges faced by individuals seeking food assistance due to limited access to technology or digital literacy.
   - Analyze studies on strategies to bridge this gap, such as providing digital literacy training or offering alternative access points (phone hotlines, paper applications).

Search Strategy:

- Utilize academic databases like ScienceDirect, JSTOR, and Google Scholar with relevant keywords like "food assistance programs," "technology," "efficiency," "access," "volunteers," "community engagement," "dietary quality," "nutrition education," "digital divide," and "food insecurity."
- Include websites of government agencies (USDA, Department of Health and Human Services), food banks, and non-profit organizations working on food insecurity alongside research reports from reputable institutions like the World Bank, FAO, and IFPRI (International Food Policy Research Institute).

Evaluation of Sources:

- Pay close attention to the methodological approaches used in the research (surveys, randomized controlled trials, case studies, etc.) to assess the validity and generalizability of the findings.
- Look for studies that consider user adoption rates, program reach, efficiency gains, impact on food security, and improvements in dietary intake or health outcomes.

Expected Outcomes:

This refined literature review will provide valuable insights into:

- The effectiveness of various technology-based interventions within food assistance programs.
- Existing best practices and potential challenges related to technology adoption.
- Strategies for promoting community involvement, improving access for all, and ultimately reducing food insecurity.

CHAPTER - 3
SYSTEM ANALYSIS

3.1 EXISTING SYSTEM:

Food waste is a major global issue, while hunger persists. Food donation systems aim to bridge this gap by connecting those with surplus food to those in need. Here's a look at existing systems:

Traditional Methods:

- **Food Banks:** These non-profit organizations collect donated food and distribute it to soup kitchens, shelters, and other programs serving low-income communities. They often rely on manual processes like phone calls and physical visits to coordinate donations.

Technology-enabled Platforms:

- **Mobile Apps:** Several apps connect donors with recipients (charities, shelters). They allow donors to post surplus food and recipients to view and request it
- **Online Platforms:** Websites act as a meeting point for donors and recipients. They might offer additional features like donation scheduling, inventory management, and even facilitating monetary donations.

Challenges:

- **Limited Scalability:** Traditional methods struggle to efficiently connect a large number of donors and recipients in a timely manner.
- **Food Safety & Quality Control:** Expired or spoiled food can pose health risks. Systems need mechanisms to ensure food safety and track donation history.

The Future of Food Donation Systems:

- **Integration with Inventory Management:** Real-time inventory data from restaurants and grocery stores can be fed into the system to identify potential surplus before it goes to waste.
- **Blockchain for Transparency:** Blockchain technology can track food origin, expiry, and donation history, ensuring transparency and building trust among stakeholders.

3.2 PROPOSED SYSTEM:

Building on existing models, here's a proposal for a next-generation food donation system that addresses current limitations:

Core Components:

1. **Mobile App & Web Platform:** A user-friendly app (available for Android and iOS) and a complementary web platform will serve as the primary interface.
2. **Advanced Matching Algorithm:** The system will go beyond basic location matching. It will consider:
    - **Donor Type:** Restaurants can indicate meal types (vegetarian, etc.), while grocery stores can specify nearing expiry dates.
    - **Recipient Needs:** Shelters can specify dietary restrictions or preferred food categories (fruits, canned goods).
    - **Logistics:** The algorithm will factor in distance, volunteer availability, and cold chain requirements for perishables.
3. **Real-time Inventory Integration:** The system will integrate with Point-of-Sale (POS) systems at restaurants and inventory management systems of grocery stores. This allows real-time surplus identification and prevents expired food from being donated.
4. **Volunteer Management:** The app will have a dedicated volunteer section. Users can sign up to volunteer for pick-ups, deliveries, or food sorting at shelters. The system can optimize routes and schedules for efficient volunteer utilization.
5. **Food Safety & Quality Control:**
    - Donors will be required to upload photos of the food and answer questions about preparation and storage conditions.
    - The system will have a built-in expiry date tracker and flag approaching expiration for prompt pick-up.
    - Educational resources on food safety guidelines will be available for both donors and recipients.
6. **Transparency and Traceability:** Blockchain technology can be implemented to track:
    - Origin and history of donated food
    - Real-time location of food during transport.

CHAPTER - 4
IMPLEMENTATION

4.1 SYSTEM REQUIREMENTS

HARDWARE REQUIREMENTS:

- System : MINIMUM i3.
- Hard Disk : 40 GB.
- Ram : 4 GB.

SOFTWARE REQUIREMENTS:

• **Operating System:** Windows 8 and above

• **Coding Language**: PHP

4.2 SOFTWARE ENVIRONMENT

What is XAMPP:

XAMPP is a free and open-source software stack that simplifies setting up a development environment for web applications. It stands for:

- **X** - Cross-Platform (works on Windows, macOS, and Linux)
- **A** - Apache (the web server)
- **M** - MariaDB (the database management system, formerly MySQL)
- **P** - PHP (a server-side scripting language)
- **P** - Perl (another scripting language)

4.3 History of XAMPP:

XAMPP's history is intertwined with the evolution of some of the key technologies it integrates. Here's a brief timeline:

Early Days (Unknown - Mid-1990s):

- The specific origins of XAMPP are unclear, but it likely emerged around the mid-1990s as a way to simplify the setup of a development environment for web applications.

Rise of Open-Source Web Technologies (Mid-1990s - Early 2000s):

- The development of open-source technologies like Apache web server, PHP scripting language, and MySQL database management system became foundational for XAMPP.
- XAMPP likely emerged as a way to bundle these essential components for web development into a single, easy-to-install package.
- The acronym XAMPP originally stood for "Cross-Platform + Apache + MySQL + PHP + Perl," reflecting its support for multiple operating systems.

Apache Friends and XAMPP's Growth (Early 2000s - Present):

- The Apache Friends organization emerged as the primary developers and distributors of XAMPP.
- XAMPP gained popularity among web developers due to its ease of use and cross-platform compatibility.
- XAMPP became a valuable tool for students, freelancers, and small businesses to set up development environments without complex configurations.

Shift from MySQL to MariaDB (2015):

- In 2015, XAMPP replaced MySQL with MariaDB, a fork of MySQL, due to licensing concerns.
- This change in the core component resulted in a slight alteration of the acronym to "XAMPP Apache + MariaDB + PHP + Perl."

4.4 Key Functionalities of XAMPPs:

Certainly, here's a deeper dive into the key functionalities of XAMPP:

1. Apache Web Server:

- At the heart of XAMPP lies Apache, a free and open-source web server software.
- It processes incoming web requests, manages files, and delivers content (like web pages) to users' browsers.

- XAMPP allows configuration of the Apache server to customize website behavior and security settings.

2. MariaDB Database Management System:

- MariaDB is a relational database management system (RDBMS) that stores and organizes data for web applications.
- XAMPP integrates MariaDB, enabling developers to create, manage, and interact with databases using SQL (Structured Query Language).
- This functionality is crucial for storing dynamic website content, user information, and other application data.

3. PHP Scripting Language:

- PHP is a server-side scripting language widely used for creating interactive web pages.
- XAMPP allows developers to write and execute PHP code. When a user interacts with a PHP script on a webpage, the code runs on the server, generating dynamic content.
- XAMPP's integration with PHP makes it ideal for developing web applications that process user input, connect to databases, and generate customized responses.

4. Perl Programming Language (Optional):

- While historically part of the XAMPP acronym, Perl's inclusion is optional in recent versions.
- Perl is another general-purpose scripting language that can be used for web development tasks like CGI scripting and data processing.
- Developers familiar with Perl can leverage its functionalities within the XAMPP environment.

5. Additional Components:

- XAMPP may also include other software like:
    - **phpMyAdmin:** A web-based interface for managing MariaDB databases.
    - **FileZilla:** An FTP client for uploading files to a web server.
    - **Mercury Mail Server:** A mail server for handling email functionalities within the development environment.

In essence, XAMPP offers a comprehensive package that installs and configures all the essential software components needed to develop and test web applications locally on your machine. This eliminates the need for manual installation and configuration of each individual component

4.5 NEED OF XAMPP:

XAMPP itself doesn't have needs, as it's a software program. However, it caters to the needs of web developers by providing a specific development environment. Here's a breakdown of the needs XAMPP addresses for developers:

1. Local Development Environment:

- Web developers need a platform to build and test their websites before deploying them to a live server.
- XAMPP provides a local development environment that mimics a live server setup, allowing developers to work offline and test their code functionality without affecting a public website.

2. Easy Installation and Configuration:

- Setting up individual web server software, database management systems, and scripting languages can be complex and time-consuming.
- XAMPP offers a single downloadable package that installs and configures all the necessary components with minimal setup hassle. This allows developers to focus on coding and application development.

3. Cross-Platform Compatibility:

- Developers might work on different operating systems like Windows, macOS, or Linux.
- XAMPP offers versions compatible with all these major operating systems, ensuring developers have a consistent development environment regardless of their platform.

4. Integration of Core Web Development Technologies:

- Web development relies on a combination of technologies like Apache web server, MariaDB database, and PHP scripting language.

- XAMPP integrates these essential components, allowing developers to work seamlessly within a single environment.

5. Flexibility and Customization:

- While XAMPP offers a pre-configured setup, it also allows for customization.
- Developers can adjust Apache server settings, configure databases, and manage other aspects to suit their specific project requirements.

In summary, XAMPP addresses the needs of web developers by providing a user-friendly, easy-to-install, and customizable local development environment that integrates essential web development technologies**.**

4.6 CHALLENGES IN XAMPP:

While XAMPP offers a convenient development environment, it does come with some challenges to consider:

1. Security Limitations:

- XAMPP's default configuration prioritizes ease of use over security.
- For development purposes, this is acceptable. However, deploying a website built with XAMPP directly onto the internet without proper security hardening is risky.
- Developers need to be aware of these limitations and take additional steps to secure their applications before deployment.

2. Not Ideal for Production Environments:

- XAMPP is primarily designed for development and testing.
- It may not be able to handle the high traffic and performance demands of a large production website.
- For real-world deployments, developers typically migrate their applications to dedicated web hosting providers with robust server configurations.

3. Limited Scalability:

- XAMPP is suitable for small to medium-sized projects.
- As a project grows in complexity and user base, XAMPP's capabilities might become insufficient.
- Developers might need to migrate to a more scalable web server environment to accommodate increased traffic and resource demands.

4. Version Management Issues:

- XAMPP bundles specific versions of Apache, MariaDB, PHP, and other components.
- These versions might not always be the latest, and updating them within the XAMPP environment can be challenging.
- Developers might need to manage version control and updates manually for individual components.

5. Potential Conflicts with Existing Software:

- XAMPP installs its own Apache web server.
- If you already have another web server running on your system, it can lead to conflicts.
- Careful configuration or disabling the existing web server might be necessary.

6. Not Suitable for Advanced Development Features:

- XAMPP offers a basic development environment.
- It might lack some advanced features needed for complex web applications, such as load balancing, caching mechanisms, or advanced security tools. Developers might need to integrate additional tools or migrate to a more feature-rich development environment for such functionalities.

Overall, XAMPP is a valuable tool for beginners and small-scale projects. However, it's important to be aware of its limitations and consider alternative solutions for production environments, highly scalable applications, or projects requiring advanced development features

4.7 Application of XAMPP:

XAMPP's primary application lies in web development, but its uses extend beyond that. Here are some key applications of XAMPP:

1. Local Web Development and Testing:

- This is the core application of XAMPP. It provides a local environment that mimics a live server, allowing developers to:
    - Build and test websites offline before deployment.
    - Experiment with code and troubleshoot issues without affecting a public website.
    - Develop web applications that rely on PHP, MySQL databases, and other integrated technologies.

2. Content Management System (CMS) Development and Testing:

- XAMPP is ideal for setting up and testing popular CMS platforms like WordPress, Joomla, or Drupal.
- Developers can use it to:
    - Create custom themes and plugins for these CMS platforms.
    - Test website functionality built using these CMS systems.
    - Experiment with different CMS options before choosing one for a live project.

3. Learning Web Development:

- XAMPP's user-friendly interface and bundled technologies make it a great platform for beginners to learn web development.
- Users can:
    - Practice writing PHP code and see the results immediately within the local environment.
    - Experiment with database interactions using MariaDB.
    - Learn how web servers, databases, and scripting languages work together in web development.

4. Prototyping and Experimentation:

- XAMPP's quick setup allows developers to rapidly prototype website ideas and test functionalities before investing time and resources into full-fledged development.
- It's useful for:
    - Trying out new web technologies and frameworks.
    - Quickly mocking up user interfaces and user experiences.

- Validating website concepts before large-scale development efforts.

5. Personal Web Projects:

- Developers can use XAMPP to develop and host simple personal websites or web applications on their local machines.
- This might be suitable for:
  - Online portfolios or resumes.
  - Small personal projects or hobby websites.
  - Testing and learning purposes without needing external hosting.

6. Local Server for Development Teams:

- A single XAMPP installation can be used by a small development team to collaborate and test projects on a local server.
- This allows for:
  - Consistent development environment for all team members.
  - Easier code sharing and collaboration within the team.
  - Testing functionalities before integrating individual development efforts.

It's important to remember that XAMPP is not ideal for production environments with high traffic or complex applications. However, for development, testing, learning, and small-scale projects, XAMPP offers a convenient and versatile solution.

4.8 Local Install Specifies:

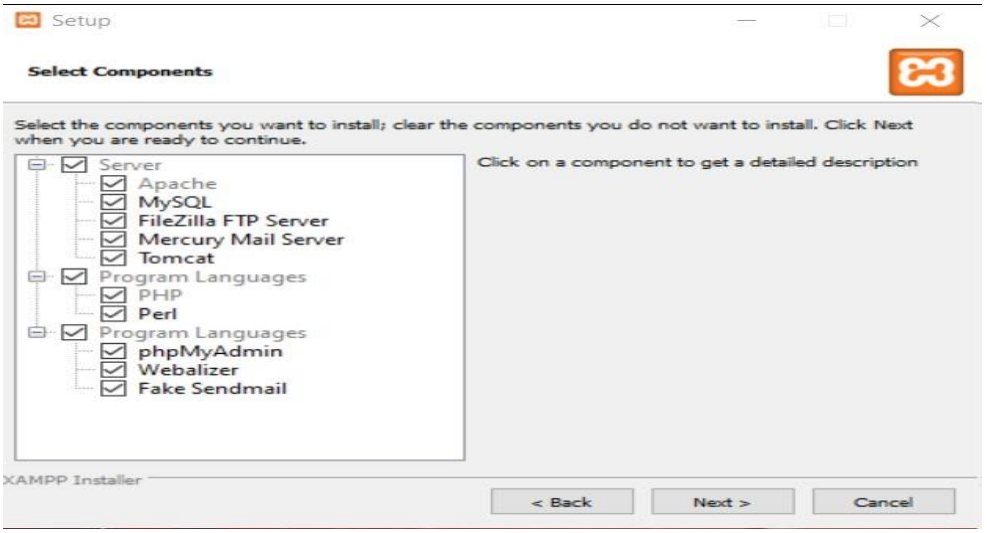
If the route you are looking for is a local install, which means that the web portal will onlybe accessible from the system, then you need to start here.

1. First you will need to install XAMPP, installation instructions can be found here https://www.apachefriends.org/download.html. XAMPP is in its most basic form a local Apache server that comes with MariaDB, PHP, and Perl.

2. From there follow installation instructions and choose all of the default options

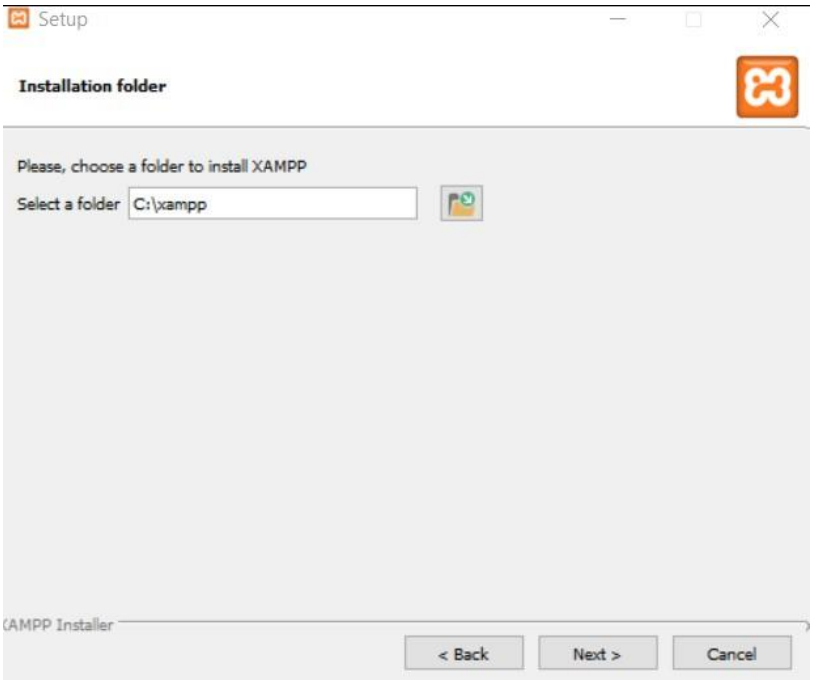
   WARNING: It may warn you about proceeding with the installation if you have antivirus software installed, this should not be a problem just continue.

3. After some of the basic informational install steps you come here, these are all selectedby default. Click next and continue.



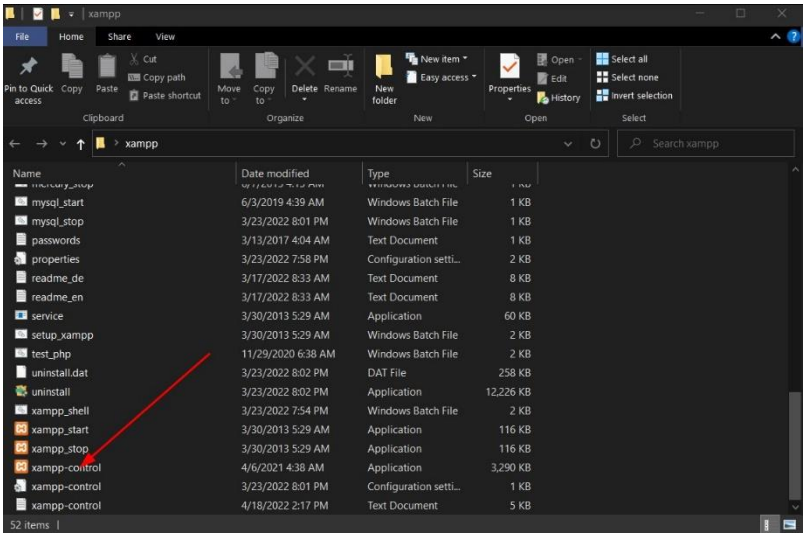
Default Options

Once you click next you'll need to choose where you want to install it. The default is just on the C drive but I recommend installing it on the desktop. Click next when done.

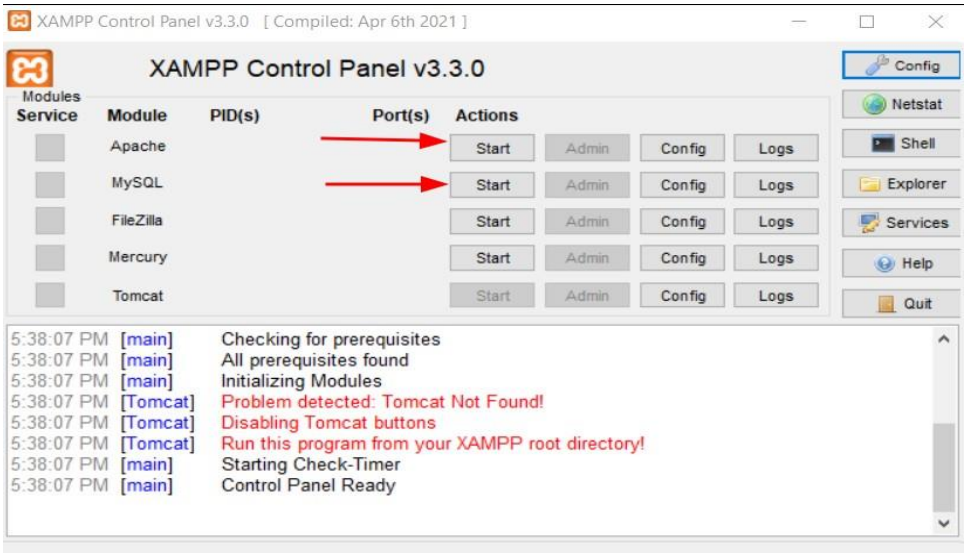


4.9 Install Location:

1. On the next page there is a language selection. Select English since the only other optionis Dutch. Then click next.
2. The next page is just another informational page click next until it starts the install.
3. Once it's done installing you can access the control panel from the folder; the folder willbe named 'xampp' and you access the control panel from the xampp folder her



Clicking that will pull up the control panel where you can start both the Apache server andthe MySQL server. Clicking start will start the Apache server as well as the MySQL service. This will enable you to run PHP on your local machine as well as host a database. As shown in Figure 2.2.4:

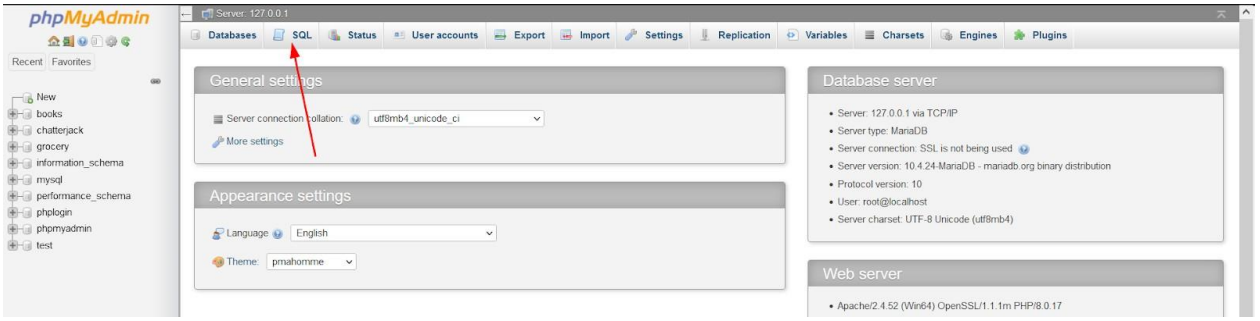


Control Panel:

- From there you will need to move the Website folder into xampp/htdocs; once this isdone you can access the web portal through: https://localhost/Website/index.html
- But you will still need to configure the database but with XAMPP this should be easy.

Database setup

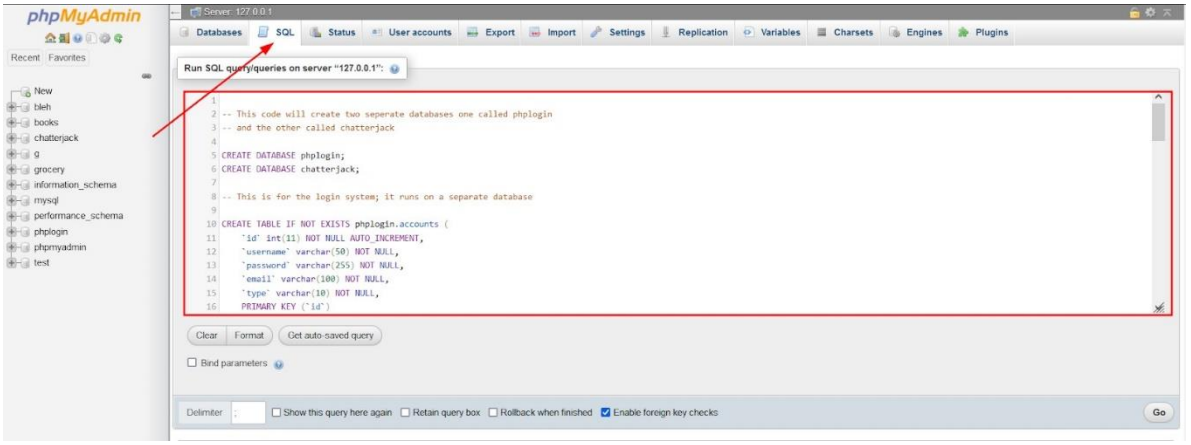
1. Visit this page: http://localhost/phpmyadmin/ this is where you can manually manage thedatabase if needed.



4.10 PHPMyAdmin

2. From the home page click the SQL button this will take you to a page where you canexecute SQL statements
3. Download the database_setup.sql file, open it and copy **ALL** text in the file
4. Click SQL and paste it into the box as shown below in.
5. Click “Go” and it should create all of the necessary databases and tables needed for thechatbot

6. Now you can run our pre populate script to insert a whole bunch of data into thedatabase; more information on how to do this can be found in section 4.1



Initialize Databases

Once you have completed the set up either on the server or local machine you need to place theweb portal files into the proper folder. For local machines you will need to place it within: xampp/htdocs folder. For the server you will need to place the web portal folders in the /var/www/html directory. Then you will be able to access the portal from: https://localhost/ andfrom whatever server domain you have used.

4.11 Advantages of XAMPP:

XAMPP boasts several advantages that make it a popular choice for web development, particularly for beginners and smaller projects. Here's a breakdown of its key strengths:

1. Easy Setup and Use:

- Unlike manually installing and configuring individual components like Apache, MariaDB, and PHP, XAMPP offers a single downloadable package.
- This simplifies the setup process significantly, allowing developers to get a development environment up and running quickly.
- The user-friendly interface further reduces the learning curve, making it accessible even for those with limited technical experience.

2. Cross-Platform Compatibility:

- XAMPP offers versions compatible with major operating systems like Windows, macOS, and Linux.
- This ensures developers have a consistent development environment regardless of their preferred platform. They can easily switch between machines or collaborate on projects without compatibility issues.

3. Integrated Development Environment (IDE):

- While not technically a full IDE, XAMPP integrates essential web development technologies like Apache, MariaDB, and PHP.
- This eliminates the need to install and configure them separately, saving time and effort. Developers have all the necessary components readily available within a single package.

4. Open-Source and Free Software:

- XAMPP is free and open-source software. This makes it an attractive option for individual developers, students, or small businesses with budget constraints.
- The open-source nature also allows for customization and community support, fostering collaboration and knowledge sharing.

5. Suitable for Learning Web Development:

- The user-friendly interface, bundled technologies, and ease of setup make XAMPP ideal for beginners to learn web development fundamentals.
- Users can experiment with code, see immediate results, and practice database interactions within a safe, local environment.

6. Rapid Prototyping and Experimentation:

- With XAMPP's quick setup, developers can rapidly create prototypes for websites or web applications.
- This allows for early testing of functionalities and validation of ideas before investing significant time and resources into full-fledged development.

7. Local Server for Development Teams:

- A single XAMPP installation can serve as a local server for small development teams.
- This provides a consistent development environment for everyone, facilitating collaboration and code sharing. Team members can test functionalities before integrating their work.

8. Offline Development and Testing:

- XAMPP allows developers to build and test websites offline, without an internet connection.
- This is beneficial for situations with limited internet access or for focusing on development without external distractions.

4.12 PHP:

PHP stands for "PHP: Hypertext Preprocessor," though it originally meant "Personal Home Page." It's a free, open-source scripting language specifically designed for web development. This means PHP code is executed on the server, before the web page is sent to your browser. This allows PHP to create dynamic and interactive web content.

What can PHP do?

- **Generate Dynamic Content:** PHP can create web pages that change based on user input or information from a database. For instance, a shopping cart or a forum would use PHP to dynamically display content.
- **Database Interaction:** PHP can connect to and manipulate databases, allowing you to store and retrieve information. This is essential for creating features like user accounts, product listings, or content management systems.
- **Form Handling:** PHP can process data submitted through web forms, enabling features like user registration, login, and data collection.
- **File Management:** PHP can create, read, write, and modify files on the server. This is useful for tasks like uploading and downloading files, or creating logs.
- **Security:** PHP provides functionalities to encrypt data and implement user access controls for secure web applications.

Why use PHP?

- **Popularity:** PHP is one of the most widely-used web development languages in the world. This means there are plenty of resources available to learn and get help, and a large community of developers.
- **Ease of Use:** PHP is considered relatively easy to learn, especially for those with some programming experience.
- **Open Source:** Being free and open-source makes PHP accessible and allows for customization.

Project Overview and Goals

- **Project Name and Description:** Clearly identify the project and its purpose.
- **Target Audience:** Specify who will use this documentation (developers, testers, clients).
- **Functionality Overview:** Briefly outline the key features and functionalities.
- **Project Goals and Success Criteria:** Define success metrics for the project.

System Architecture and Design

- **High-Level Design:** Illustrate the overall system architecture using diagrams (e.g., UML) to depict components, interactions, and data flow.
- **Technology Stack:** List the specific PHP version, frameworks, libraries, databases, and other relevant technologies used.
- **Deployment Environment:** Describe the server setup, including operating system, web server configuration, and database details.

Code Documentation

- **Coding Standards:** Establish consistent coding practices (e.g., indentation, naming conventions, comments) to enhance readability and maintainability.
- **Docblocks (phpDoc):** Leverage comments to annotate functions, classes, and variables. Tools like phpDocumentor can extract this information to generate API documentation.

Functionality Details

- **Module-Level Explanations:** Provide detailed descriptions of each module's purpose, components, and interactions.

- **User Stories and Workflows:** Describe user scenarios with step-by-step instructions on how the system fulfils those needs.
- **Data Model:** Explain the database schema, tables, relationships, and data types. Consider using entity-relationship diagrams (ERDs).
- **Error Handling:** Document error codes, messages, and appropriate user feedback mechanisms.

Installation and Configuration

- **Prerequisites:** List required software versions, dependencies, and configuration steps.
- **Installation Instructions:** Provide step-by-step instructions on installation, including database setup, configuration file adjustments, and any necessary commands or scripts.

Testing and Deployment

- **Testing Strategy:** Describe the testing approach, including unit testing, integration testing, system testing, and acceptance testing.
- **Deployment Instructions:** Provide detailed instructions on deploying the application to a production environment, including transferring files, database adjustments, and configuration changes.
- **Post-Deployment Tasks:** Outline any post-deployment tasks such as monitoring, logging, and backup procedures.

Version Control and Maintenance

- **Version Control System:** Specify the version control system used (e.g., Git) and provide basic versioning practices.
- **Maintenance and Support:** Define the process for handling bug fixes, feature enhancements, and updates. Consider including versioning information within the application itself.

Additional Considerations

- **Security:** Address security measures implemented, including data access control, input validation, and authentication/authorization mechanisms.
- **Performance Optimization:** Discuss any techniques used to optimize performance (e.g., caching, database indexing), and how to monitor application performance.

CHAPTER-5
TESTING

The purpose of testing is to discover errors. Testing is the process of trying to discover every conceivable fault or weakness in a work product. It provides a way to check the functionality of components, sub-assemblies, assemblies and/or a finished product It is the process of exercising software with the intent of ensuring that the Software system meets its requirements and user expectations and does not fail in an unacceptable manner. There are various types of test.

5.1 Testing Approaches:

- **Unit Testing:**
  - Utilize a PHP unit testing framework like PHPUnit to create test cases for individual functionalities like user registration, feed creation, and notification logic.
  - PHPUnit allows you to write test cases that ensure each module behaves as expected in isolation.
- **Integration Testing:**
  - Set up a test environment that mimics the production setup (database, user roles).
  - Manually test how different parts of the application interact. For instance, test if posting a feed item triggers notifications for subscribed users.
- **System Testing:**
  - Use a combination of manual testing and automated tools like Selenium WebDriver.
  - Manual testing involves simulating real user scenarios like creating accounts, posting feeds, and interacting with notifications.
  - Selenium WebDriver can automate repetitive tasks and write scripts to test specific user journeys.

5.2 Testing Considerations for Feed Friend (PHP/XAMPP):

- **User Management:** Test user registration, login, profile editing, and account deletion functionalities.
- **Feed Management:** Verify feed creation, editing, deletion, and content display. Ensure proper handling of text and image uploads (if applicable).
- **Notification System:** Test if users receive timely notifications for feed updates, comments, or likes.

- **Search Functionality (Optional):** If users can search for feeds or content, design test cases with various keywords and filters.
- **Security Testing:**
    - Conduct manual tests to identify potential security vulnerabilities like SQL injection or cross-site scripting (XSS) attacks.
    - Consider using security testing tools like Acunetix or OWASP ZAP to scan your application for vulnerabilities.

5.3 Additional Tips:

- **Database Testing:** Write test scripts to verify data integrity and ensure the database interacts correctly with the application.
- **Performance Testing:** Use tools like ApacheBench or JMeter to simulate multiple users and analyze the application's performance under load.
- **Usability Testing:** Conduct usability testing with real users to identify any confusing elements or navigation issues in the Feed Friend interface.

5.4 System Requirements and Specifications:

- Clearly define the functionalities of your system, including donor registration, donation requests, agent assignment, food collection, and recipient management.
- Specify the user roles (donors, agents, admins) and their access levels.
- Outline the system's technical requirements like PHP version, database type, and any relevant libraries.

5.5 Test Cases:

- **User Registration:**
    - Test successful registration with valid data.
    - Test unsuccessful registration with missing data or invalid formats (e.g., email format, password strength).
- **Donor Functionality:**
    - Test submitting donation requests with different food types, quantities, and expiry dates.
    - Test ability to modify or cancel donation requests before pickup.
- **Agent Functionality:**
    - Test receiving notifications for assigned pickups.

    - Test marking pickups as completed after successful collection.
    - Test viewing assigned donation details and donor information.
- **Admin Functionality:**
    - Test viewing a dashboard with overall system statistics (donations, pickups, etc.).
    - Test managing donor and agent accounts (approving/rejecting registrations).
    - Test viewing all donation requests and assigning pickups to agents.
- **Test Execution and Reporting:**
    - Document the process of executing each test case, including steps and screenshots.
    - Record any errors or unexpected behavior encountered during testing

The next steps after logging in to a food donation system depend on your user role (donor, agent, admin). Here's a breakdown for each:

Donor:

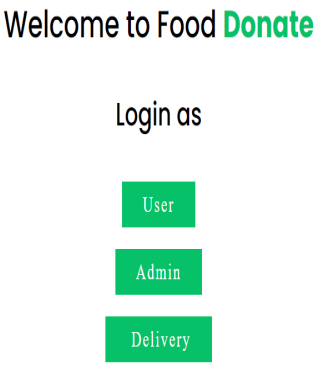
1. **View Donation Options:** The system might present a dashboard or dedicated section to initiate a food donation.
2. **Enter Donation Details:** You'll likely encounter a form where you specify the type of food, quantity, expiry date, and any additional details.
3. **Schedule Pickup :** Some systems allow donors to choose a preferred pickup window or schedule it directly.
4. **Track Donation:** You might be able to view the status of your donation.

Agent:

1. **View Assigned Pickups:** Upon login, agents might see a list of upcoming pickups assigned to them.
2. **Review Donation Details:** Each pickup entry might display the donor information, address, and details about the donated food.
3. **Coordinate Pickup:** The system could have functionalities to contact the donor (if necessary) or plan the pickup route.
4. **Mark Pickup as Completed:** Once the food is collected, the agent can update the system to reflect completion.

Admin:

1. **System Dashboard:** Admins typically see a comprehensive overview with key metrics like total donations, pickups, and active users.
2. **Manage Users:** Admins can approve/reject donor and agent registrations, update user information, and manage account permissions.
3. **Manage Donations:** They might be able to view all donation requests, filter them based on criteria, and assign pickups to agents.
4. **Reporting:** Admins might have access to generate reports on donation trends, agent performance, and overall system activity.



Here are some sample test cases for your Feed Friend project, categorized by functionality:

5.6 User Management:

- **Test Case 1 (Positive):**
  - **Description:** User registers with a valid username, email, and password.
  - **Expected Outcome:** New user account is created successfully, and a confirmation email is sent.
  - **Steps:** User navigates to the registration page, enters valid information, and submits the form.

- **Test Case 2 (Negative):**
    - **Description:** User attempts to register with an existing email address.
    - **Expected Outcome:** Error message appears indicating the email address is already in use.
    - **Steps:** User enters an email address already associated with an existing account during registration.
- **Test Case 3 (Negative):**
    - **Description:** User submits a registration form with a weak password (less than 8 characters).
    - **Expected Outcome:** Error message appears indicating password requirements are not met.
    - **Steps:** User enters a short password during registration.

5.7 Feed Management:

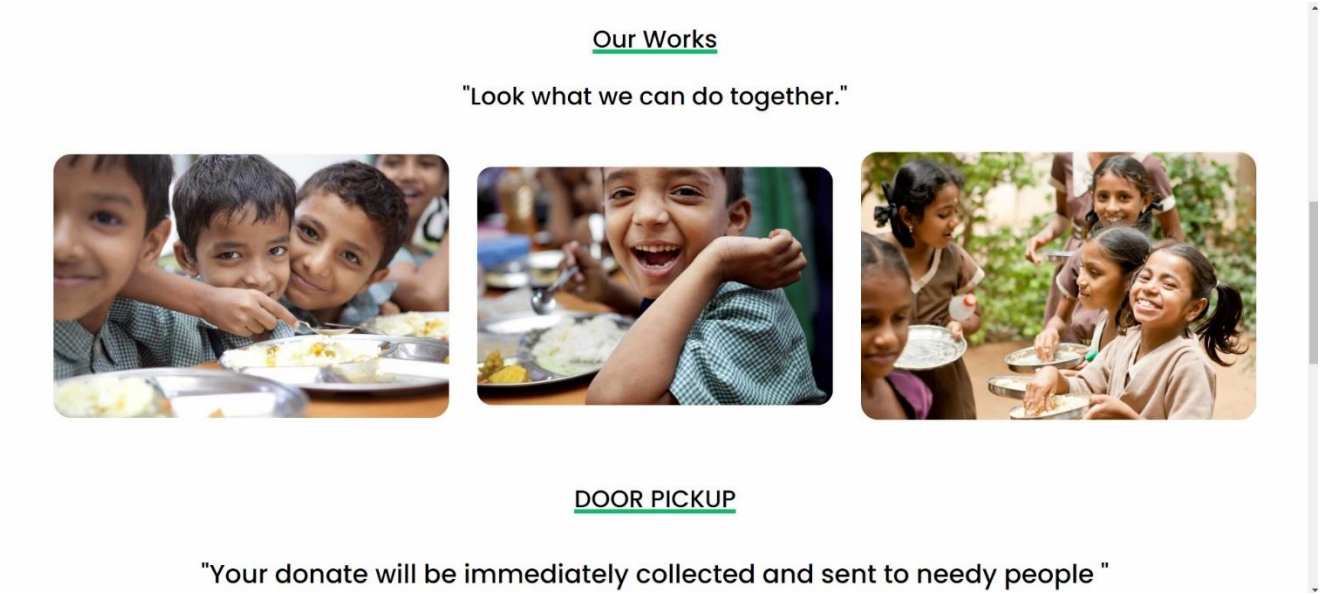
- **Test Case 4 (Positive):**
    - **Description:** Logged-in user creates a new feed post with text content.
    - **Expected Outcome:** The feed post is successfully created and displayed on the user's feed and timeline.
    - **Steps:** User creates a new post, enters text content, and submits the form.
- **Test Case 5 (Positive):** (Optional - If image uploads are supported)
    - **Description:** Logged-in user creates a new feed post with text content and uploads an image.
    - **Expected Outcome:** The feed post with text and image is successfully created and displayed.
    - **Steps:** User creates a new post, enters text content, uploads an image, and submits the form.
- **Test Case 6 (Negative):**
    - **Description:** User attempts to create a feed post with an empty text field.
    - **Expected Outcome:** Error message appears indicating the post requires content.
    - **Steps:** User leaves the text field blank and submits the form.

Search Functionality (Optional):

- **Test Case 9 (Positive):**
    - **Description:** User searches for a specific keyword present in a feed post.
    - **Expected Outcome:** Search results display feed posts containing the keyword.
    - **Steps:** User enters a relevant keyword in the search bar and executes the search.
- **Test Case 10 (Negative):**
    - **Description:** User searches for a non-existent keyword.
    - **Expected Outcome:** Search results display a message indicating no matches found.
    - **Steps:** User enters an irrelevant keyword in the search bar and executes the search.

5.8 Additional Considerations:

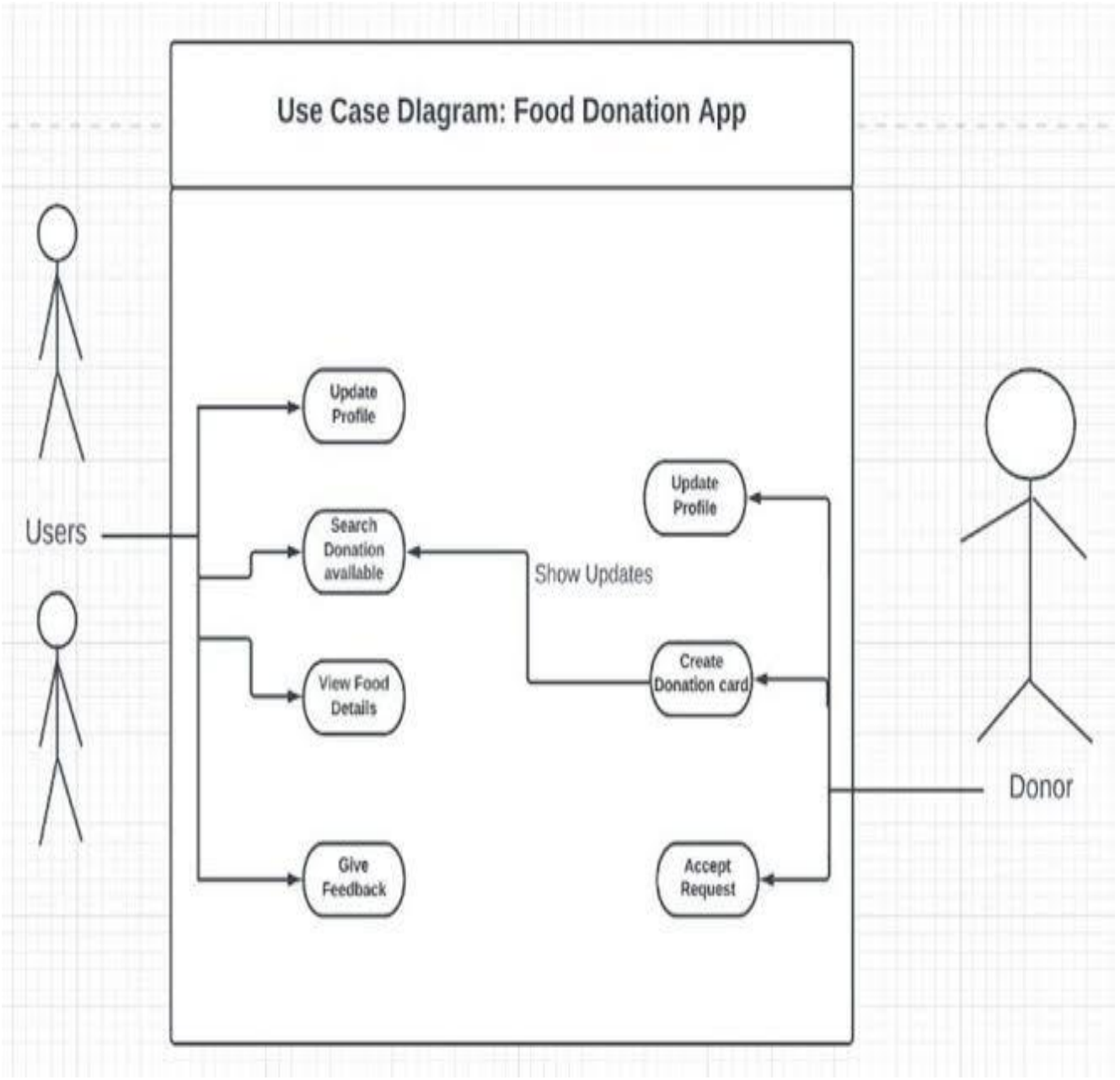
- Create test cases for editing and deleting feed posts, ensuring proper authorization checks.
- Design test cases for user profile management functionalities (updating profile picture, bio, etc.).
- Include test cases to verify proper session management and user logout functionality.



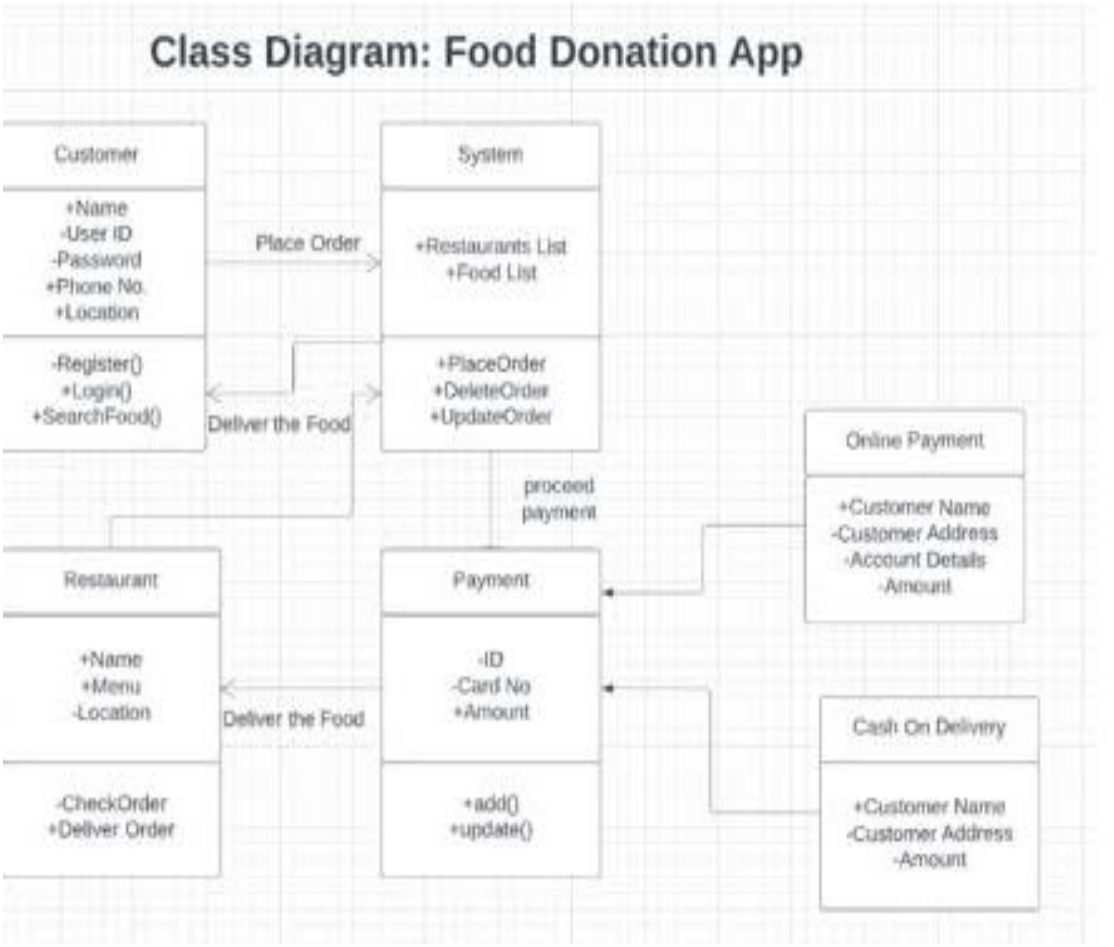
CHAPTER-6
DESIGNS

6.UML DIAGRAMS

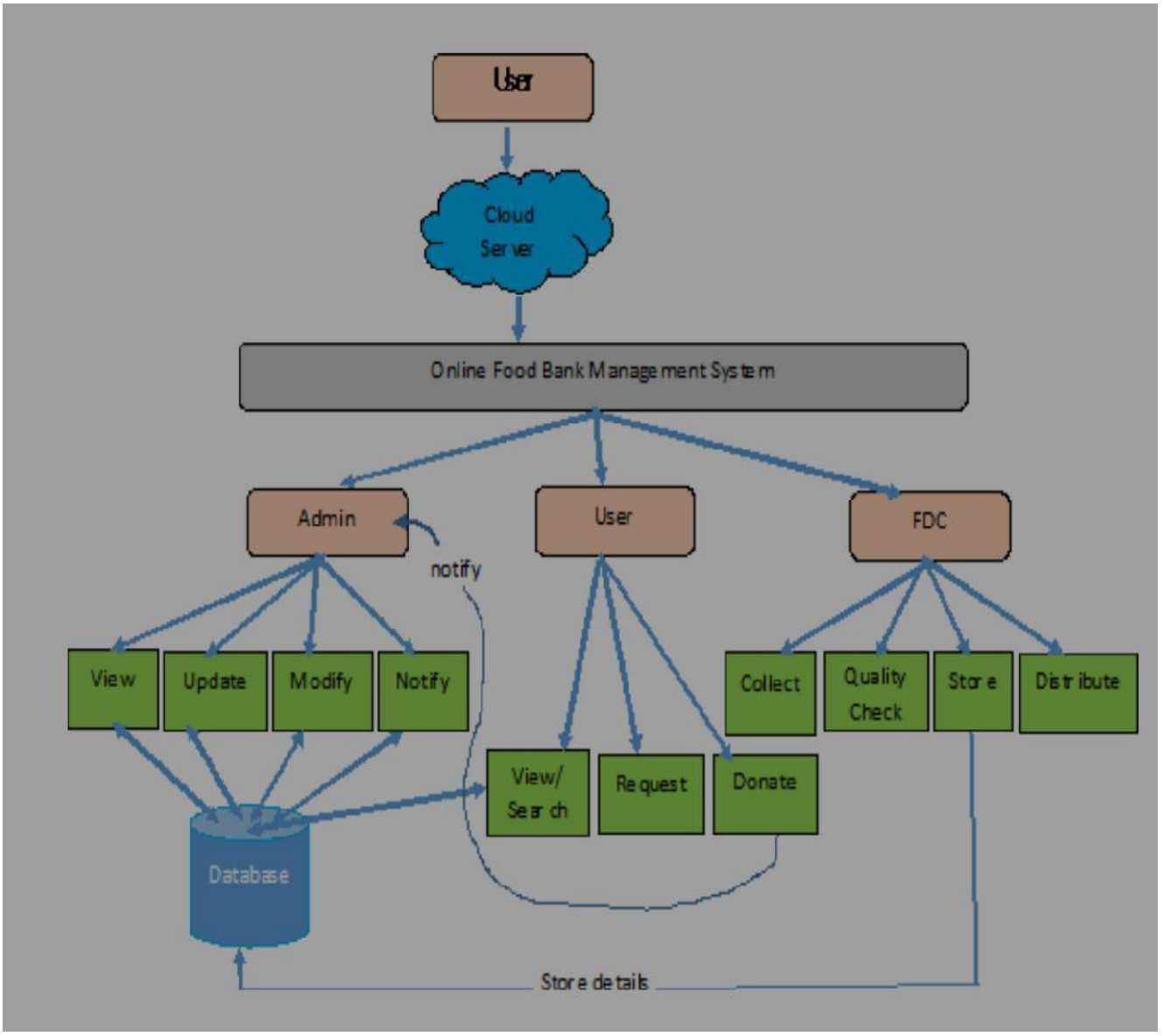
6.1 USE CASE DIAGRAM



6.2 CLASS DIAGRAM



6.3 PROJECT ARCHITECTURE :



CHAPTER-7
SOURCE CODE

7.1 Home.html

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Food Donate</title>
   <link rel="stylesheet" href="home.css">
         <link     rel="stylesheet"     href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
</head>
<body>
   <header>
      <div class="logo">Food <b style="color: #06C167;">Donate</b></div>
      <div class="hamburger">
         <div class="line"></div>
         <div class="line"></div>
         <div class="line"></div>
      </div>
      <nav class="nav-bar">
         <ul>
            <li><a href="#home" class="active">Home</a></li>
            <li><a href="about.html" >About</a></li>
            <li><a href="contact.html" >Contact</a></li>
            <li><a href="profile.php" >Profile</a></li>
            <!-- <li ><a href="fooddonate.html"  >Donate</a></li> -->
         </ul>
      </nav>
   </header>
   <script>
      hamburger=document.querySelector(".hamburger");
      hamburger.onclick =function(){
         navBar=document.querySelector(".nav-bar");
         navBar.classList.toggle("active");
      }
   </script>
   <section class="banner">
      <a href="fooddonateform.php">Dontae Food</a>
   </section>
   <div class="content">
      <!-- <h2>Love Food</h2>
```

```
        <h3>Hate Wasting</h3> -->
        <p style="font-size: 23px;">
 “Cutting food waste is a delicious way of saving money, helping to feed the world and protect the planet.”
        </p>

    </div>
    <div class="photo">
        <br>
        <p class="heading">Our Works</p>
        <br>
            <p style="font-size: 28px; text-align: center;">"Look what we can do together."</p>
       <br>
        <div class="wrapper">
          <div class="box"><img src="img/p1.jpeg" alt=""></div>
          <div class="box"><img src="img/p4.jpeg" alt=""></div>
          <div class="box"><img src="img/p3.jpeg" alt=""></div>
        </div>
        <!-- <p style="font-size: 19px;"> The basic concept of this project  Food Waste Management is to collect theexcess/leftover food from donors such as hotels, restaurants, marriage halls, etc and distribute to  the  needy people .
        </p> -->
        <br>




    </div>
    <div class="deli" style="display: grid;" >
      <p class="heading">DOOR PICKUP</p>
      <br>
       <p  class="para">"Your donate will be immediately collected and sent to needy people "</p>
      <img src="img/delivery.gif" alt="" style="margin-left:auto; margin-right: auto;">

    </div>
    <div class="ser">
      <!-- <p class="heading">Our Services</p> -->

    </div>
    <footer class="footer">
        <div class="footer-left col-md-4 col-sm-6">
          <p class="about">
```

 About usThe basic concept of this project Food Waste Management is to collect the excess/leftover food from donors such as hotels, restaurants, marriage halls

, etc and distribute to the needy people

```
</p>

      </div>
      <div class="footer-center col-md-4 col-sm-6">
       <div>
        <p><span> Contact</span> </p>

       </div>
       <div>

        <p> (+00) 0000 000 000</p>

       </div>
       <div>
        <!-- <i class="fa fa-envelope" style="font-size: 17px;
        line-height: 38px; color:white;"></i> -->
        <p><a href="#"> Fooddonate@gmail.com</a></p>
       </div>

       <div class="sociallist">
        <ul class="social">
                                                                                <li><a
href="https://www.facebook.com/TheAkshayaPatraFoundation/"><img
src="https://i.ibb.co/x7P24fL/facebook.png"></a></li>
                                <li><a      href="https://twitter.com/globalgiving"><img
src="https://i.ibb.co/Wnxq2Nq/twitter.png"></a></li>
                            <li><a     href="https://www.instagram.com/charitism/"><img
src="https://i.ibb.co/ySwtH4B/instagram.png"></a></li>
                <li><a  href="https://web.whatsapp.com/"><i  class="fa  fa-whatsapp"
style="font-size:50px;color: black;"></i></a></li>
         </ul>
        </div>
      </div>
      <div class="footer-right col-md-4 col-sm-6">
       <h2> Food<span> Donate</span></h2>
       <!-- <h2>Food donate</h2> -->
       <p class="menu">
        <a href="#"> Home</a> |
        <a href="about.html"> About</a> |
        <a href="profile.php"> Profile</a> |
        <a href="contact.html"> Contact</a>
       </p>
       <p class="name"> Food Donate &copy 2023</p>
      </div>
     </footer>
```

```
</body>
</html>
```

7.2 About.html

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Document</title>
   <link rel="stylesheet" href="home.css">
</head>
<body>
   <header>
      <div class="logo">Food <b style="color: #06C167;">Donate</b></div>
      <div class="hamburger">
         <div class="line"></div>
         <div class="line"></div>
         <div class="line"></div>
      </div>
      <nav class="nav-bar">
         <ul>
            <li><a href="home.html" >Home</a></li>
            <li><a href="#about" class="active" >About</a></li>
            <li><a href="contact.html" >Contact</a></li>
            <li><a href="profile.php" >Profile</a></li>
         </ul>
      </nav>
   </header>
   <script>
      hamburger=document.querySelector(".hamburger");
      hamburger.onclick =function(){
         navBar=document.querySelector(".nav-bar");
         navBar.classList.toggle("active");
      }
   </script>
   <style>


      .coverc{
        width: 100%;
        height: 400px;
        background:url('img/about3.jpg')no-repeat;
   background-size: cover;
```

```
    display: grid;
    place-items:center;


padding-top: 8rem;

        }
        .title{
          font-size: 38px;
          text-align: center;
          align-items: center;
        }

        .para p{
            font-size: 23px;
            margin-left: 20px;
            margin-right: 20px;
        }
          @media (max-width: 767px) {
            .para p{
               font-size: 16px;
               /* margin-left: 10px; */
              }
            #pptslide{
                height: 200px;
                width: 300px;

            }
            #map{
              height: 200px;
                width: 300px;


            }
            #overview{
              height: 200px;
                width: 300px;
            }

        .title{
          font-size: 28px;
          margin: 10px;
          text-align: center;
          align-items: center;
        }
```

```
        }

    </style>
    <br>
    <br>
    <!-- <section class="coverc">
    </section> -->
    <p class="title">"Welcome to <u> Food Donate</u> "</p>
    <br>
    <br>
    <br>
       <p class="heading">About us</p>
            <!-- <p  style=" font-size:30px ; text-align: center;" > ABOUT
<span>US</span> </p> -->

       <!-- <br> -->
      <div class="para">
        <!-- <p>"Welcome to Food Donate, India's largest and most trusted donating
platform that connects donors to verified nonprofits. FoodDonate helps you become
a ray of hope for people in need. Choose a cause that is close to your heart and join
hands with millions of donors like you who aim to make this world a better
place."</p> -->

        <p>We are a team of passionate individuals committed to addressing the issue
of food waste in India. Our goal is to create a system that connects food donors with
charities and NGOs, while also reducing the environmental impact of food
waste.</p>
      </div>
      <br>



      <br>



<div class="map"  style="  text-align: center; padding-bottom: 50px;" >
<p  style=" font-size:30px ;" > Location  </p>
<iframe
src="https://www.google.com/maps/place/Vijayawada,+Andhra+Pradesh/@16.5101
487,80.5624824,12z/data=!3m1!4b1!4m14!1m7!3m6!1s0x3b00c5077610d357:0x6
9066b558478379a!2sThiagarajar+College!8m2!3d9.9128584!4d78.1476784!16s%2
Fm%2F0pmg903!3m5!1s0x3a35eff9482d944b:0x939b7e84ab4a0265!8m2!3d16.50
61743!4d80.6480153!16zL20vMDM4NWs3?hl=en&entry=ttu"  width="777"
height="473"  style="border:0;"  allowfullscreen=""  loading="lazy"
referrerpolicy="no-referrer-when-downgrade" id="map"></iframe>
    </div>
```

```
    <!-- <p class="heading"> Our Story</p>
    <div class="para">
      <p>Our journey began with a realization that food waste is a significant problem in India. According to a report by the United Nations,


India is the world's second-largest food producer, yet it also has one of the highest rates of food waste. This waste has a significant impact on the environment, as well as on food security in the country.</p>
    </div> -->
    <!-- <div class="overview"  style="  text-align: center; padding-bottom: 50px;" >
        <iframe frameborder="no" border="0" marginwidth="0" marginheight="0" width=1400 height=800 src="https://edrawcloudpublicus.s3.amazonaws.com/viewer/self/3094230/share/2023-3-2/1677763924/main.svg" id="overview"></iframe>
    </div> -->
</body>
</html>
```

7.3 Contact.html

```
<!DOCTYPE html>
<html>

<head>
  <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>contact</title>
   <link rel="stylesheet" href="home.css">
         <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
  <link rel="stylesheet" href="chatbot/chatbot.css">


</head>


<body>
  <header>
      <div class="logo">Food <b style="color: #06C167;">Donate</b></div>
      <div class="hamburger">
         <div class="line"></div>
         <div class="line"></div>
         <div class="line"></div>
```

```
        </div>
        <nav class="nav-bar">
            <ul>
                <li><a href="home.html" >Home</a></li>
                <li><a href="about.html" >About</a></li>
                <li> <a href="contact.html" class="active">Contact</a> </li>
                <li><a href="profile.php" >Profile</a></li>
            </ul>
        </nav>
    </header>
    <script>
        hamburger=document.querySelector(".hamburger");
        hamburger.onclick =function(){
            navBar=document.querySelector(".nav-bar");
            navBar.classList.toggle("active");
        }
    </script>
    <section class="cover" >

    </section>
  <p class="heading" style=" margin: 20px;">contact us </p>



    <!-- <h1 class="heading">Contact Us</h1>  -->
    <div class="contact-form">
     <form action="feedback.php" method="post"> <label for="name">Name:</label>
      <input type="text" id="name" name="name">
      <br> <label for="email">Email:</label>
      <input type="email" id="email" name="email">
          <br>  <label  for="message">Message:</label>  <textarea  id="message"
name="message"></textarea>
      <br>
      <input type="submit" value="Send" name="send">
     </form>
    </div>
    <div class="contact-info" style="padding: 10px;">
     <p>Email: fooddonate@gmail.com</p>
     <p>Phone: 555-555-5555</p>
     <p>Address: vijaya college</p>
    </div>


    <div class="chatbot" style="padding: 30px; background-color: rgba(151, 243, 199,
0.5);">
     <p  style="font-size:  23px;  text-align:  center;">chat  bot  support  <img  src="bot-
mini.png" alt=""height="20"></p>
```

```
 <div id="container" class="container">


   <div id="chat" class="chat">
     <div id="messages" class="messages"></div>
              <input id="input" type="text" placeholder="Say something..."
autocomplete="off" />
   </div>

  </div>
  <div class="help">
    <p style="font-size: 23px; text-align: center; padding:10px;">Help & FAQs?</p>

<button class="accordion">how to donate food ?</button>
<div class="panel">
  <p>1)click on <a href="fooddonate.html">donate</a> in home page </p>
  <p>2)fill the details </p>
  <p>3)click on submit</p>
 <img src="img/mobile.jpg" alt="" width="100%">
</div>

<button class="accordion">How will my donation be used?</button>
<div class="panel">
  <p style="padding: 10px;"> Your donation will be used to support our mission and
the various programs and initiatives that we have in place. Your donation will help us
to continue providing assistance and support to those in need. You can find more
information about our programs and initiatives on our website. If you have any
specific questions or concerns, please feel free to contact us</p>
</div>

<button class="accordion">What should I do if my food donation is near or past its
expiration date?</button>
<div class="panel">
  <p style="padding: 10px;">We appreciate your willingness to donate, but to ensure
the safety of our clients we can't accept food that is near or past its expiration date.
We recommend checking expiration dates before making a donation or contact us for
further guidance</p>

</div>
  </div>

  </div>


</body>
```

```
<script type="text/javascript" src="chatbot/chatbot.js" ></script>
<script type="text/javascript" src="chatbot/constants.js" ></script>
<script type="text/javascript" src="chatbot/speech.js" ></script>
<script>
   var acc = document.getElementsByClassName("accordion");
   var i;

   for (i = 0; i < acc.length; i++) {
    acc[i].addEventListener("click", function() {
      this.classList.toggle("active");
      var panel = this.nextElementSibling;
      if (panel.style.maxHeight) {
        panel.style.maxHeight = null;
      } else {
        panel.style.maxHeight = panel.scrollHeight + "px";
      }
    });
   }
   </script>

</html>
```

7.4 Delivery.html

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Document</title>
   <link rel="stylesheet" href="home.css">
</head>
<body>
   <style>
      .itm{
         background-color: white;
         display: grid;
      }
      .itm img{
         margin-left: auto;
         margin-right: auto;
      }
      p{
         text-align: center; font-size: 30PX;color: black; margin-top: 50px;
      }
```

```
        a{
            text-decoration: underline;
        }
        @media (max-width: 767px) {
            .itm{
                /* float: left; */

            }
        }
    </style>

        <div class="itm" >

            <!-- <p class="heading">We will reach soon</p> -->
              <p>"Your donoate will be immediately collected and sent to needy people "</p>
            <img src="img/delivery.gif" alt="" width="400" height="400">

            <!-- <p>Thanks for donating <a href="home.html"></a></p> -->
                <p style="text-align: center;"><a href="home.html">Return to home page</a></p>

        </div>
        <br>




</body>
</html>
```

7.5 Admin.php

```
<?php
ob_start();
// $connection = mysqli_connect("localhost:3307", "root", "");
// $db = mysqli_select_db($connection, 'demo');
 include("connect.php");
if($_SESSION['name']==''){
    header("location:signin.php");
}
?>
<!DOCTYPE html>

<html lang="en">
```

```
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
         <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">

   <!----======== CSS ======== -->
   <link rel="stylesheet" href="admin.css">

   <!----===== Iconscout CSS ===== -->
                                          <link                    rel="stylesheet"
href="https://unicons.iconscout.com/release/v4.0.0/css/line.css">

   <title>Admin Dashboard Panel</title>

<?php
//  $connection=mysqli_connect("localhost:3307","root","");
//  $db=mysqli_select_db($connection,'demo');



?>
</head>
<body>
   <nav>
      <div class="logo-name">
         <div class="logo-image">
            <!--<img src="images/logo.png" alt="">-->
         </div>

         <span class="logo_name">ADMIN</span>
      </div>

      <div class="menu-items">
         <ul class="nav-links">
            <li><a href="#">
               <i class="uil uil-estate"></i>
               <span class="link-name">Dahsboard</span>
            </a></li>
            <!-- <li><a href="#">
               <i class="uil uil-files-landscapes"></i>
               <span class="link-name">Content</span>
            </a></li> -->
            <li><a href="analytics.php">
               <i class="uil uil-chart"></i>
               <span class="link-name">Analytics</span>
```

```
            </a></li>
            <li><a href="donate.php">
               <i class="uil uil-heart"></i>
               <span class="link-name">Donates</span>
            </a></li>
            <li><a href="feedback.php">
               <i class="uil uil-comments"></i>
               <span class="link-name">Feedbacks</span>
            </a></li>
            <li><a href="adminprofile.php">
               <i class="uil uil-user"></i>
               <span class="link-name">Profile</span>
            </a></li>
            <!-- <li><a href="#">
               <i class="uil uil-share"></i>
               <span class="link-name">Share</span>
            </a></li> -->
         </ul>

         <ul class="logout-mode">
            <li><a href="../logout.php">
               <i class="uil uil-signout"></i>
               <span class="link-name">Logout</span>
            </a></li>

            <li class="mode">
               <a href="#">
                  <i class="uil uil-moon"></i>
               <span class="link-name">Dark Mode</span>
            </a>

            <div class="mode-toggle">
              <span class="switch"></span>
            </div>
         </li>
         </ul>
      </div>
   </nav>

   <section class="dashboard">

      <div class="top">
         <i class="uil uil-bars sidebar-toggle"></i>
         <!-- <p>Food Donate</p> -->
         <p  class ="logo" >Food <b style="color: #06C167; ">Donate</b></p>
          <p class="user"></p>
         <!-- <div class="search-box">
```

```
        <i class="uil uil-search"></i>
        <input type="text" placeholder="Search here...">
    </div> -->

    <!--<img src="images/profile.jpg" alt="">-->
</div>

<div class="dash-content">
    <div class="overview">
        <div class="title">
            <i class="uil uil-tachometer-fast-alt"></i>
            <span class="text">Dashboard</span>
        </div>

        <div class="boxes">
            <div class="box box1">
                <i class="uil uil-user"></i>
                <!-- <i class="fa-solid fa-user"></i> -->
                <span class="text">Total users</span>
                <?php
                    $query="SELECT count(*) as count FROM  login";
                    $result=mysqli_query($connection, $query);
                    $row=mysqli_fetch_assoc($result);
                 echo "<span class=\"number\">".$row['count']."</span>";
                ?>
                <!-- <span class="number">50,120</span> -->
            </div>
            <div class="box box2">
                <i class="uil uil-comments"></i>
                <span class="text">Feedbacks</span>
                <?php
                    $query="SELECT count(*) as count FROM  user_feedback";
                    $result=mysqli_query($connection, $query);
                    $row=mysqli_fetch_assoc($result);
                 echo "<span class=\"number\">".$row['count']."</span>";
                ?>
                <!-- <span class="number">20,120</span> -->
            </div>
            <div class="box box3">
                <i class="uil uil-heart"></i>
                <span class="text">Total doantes</span>
                <?php
                    $query="SELECT count(*) as count FROM food_donations";
                    $result=mysqli_query($connection, $query);
                    $row=mysqli_fetch_assoc($result);
                 echo "<span class=\"number\">".$row['count']."</span>";
                ?>
```

```
                <!-- <span class="number">10,120</span> -->
              </div>
            </div>
          </div>

          <div class="activity">
            <div class="title">
              <i class="uil uil-clock-three"></i>
<span class="text">Recent Donations</span>
            </div>
          <div class="get">
          <?php

$loc= $_SESSION['location'];

// Define the SQL query to fetch unassigned orders
$sql = "SELECT * FROM food_donations WHERE assigned_to IS NULL and location=\"$loc\"";

// Execute the query
$result=mysqli_query($connection, $sql);
$id=$_SESSION['Aid'];

// Check for errors
if (!$result) {
   die("Error executing query: " . mysqli_error($conn));
}

// Fetch the data as an associative array
$data = array();
while ($row = mysqli_fetch_assoc($result)) {
   $data[] = $row;
}

// If the delivery person has taken an order, update the assigned_to field in the database
if (isset($_POST['food']) && isset($_POST['delivery_person_id'])) {


   $order_id = $_POST['order_id'];
   $delivery_person_id = $_POST['delivery_person_id'];
     $sql = "SELECT * FROM food_donations WHERE Fid = $order_id AND assigned_to IS NOT NULL";
   $result = mysqli_query($connection, $sql);

   if (mysqli_num_rows($result) > 0) {
      // Order has already been assigned to someone else
      die("Sorry, this order has already been assigned to someone else.");
```

```
    }


      $sql = "UPDATE food_donations SET assigned_to = $delivery_person_id
WHERE Fid = $order_id";
   // $result = mysqli_query($conn, $sql);
   $result=mysqli_query($connection, $sql);


   if (!$result) {
      die("Error assigning order: " . mysqli_error($conn));
   }

   // Reload the page to prevent duplicate assignments
   header('Location: ' . $_SERVER['REQUEST_URI']);
   // exit;
   ob_end_flush();
}
// mysqli_close($conn);


?>

<!-- Display the orders in an HTML table -->
<div class="table-container">
        <!-- <p id="heading">donated</p> -->
        <div class="table-wrapper">
       <table class="table">
       <thead>
       <tr>
          <th >Name</th>
          <th>food</th>
          <th>Category</th>
          <th>phoneno</th>
          <th>date/time</th>
          <th>address</th>
          <th>Quantity</th>
          <!-- <th>Action</th> -->



       </tr>
       </thead>
      <tbody>

       <?php foreach ($data as $row) { ?>
```

```
        <?php     echo "<tr><td data-label=\"name\">".$row['name']."</td><td data-
label=\"food\">".$row['food']."</td><td                                    data-
label=\"category\">".$row['category']."</td><td                            data-
label=\"phoneno\">".$row['phoneno']."</td><td                              data-
label=\"date\">".$row['date']."</td><td                                    data-
label=\"Address\">".$row['address']."</td><td                              data-
label=\"quantity\">".$row['quantity']."</td>";
?>

          <!-- <td><?= $row['Fid'] ?></td>
          <td><?= $row['name'] ?></td>
          <td><?= $row['address'] ?></td> -->
          <td data-label="Action" style="margin:auto">
            <?php if ($row['assigned_to'] == null) { ?>
              <form method="post" action=" ">
                <input type="hidden" name="order_id" value="<?= $row['Fid'] ?>">
                  <input type="hidden" name="delivery_person_id" value="<?= $id
?>">
                <button type="submit" name="food">Get Food</button>
              </form>
            <?php } else if ($row['assigned_to'] == $id) { ?>
              Order assigned to you
            <?php } else { ?>
              Order assigned to another delivery person
            <?php } ?>
          </td>
        </tr>
        <?php } ?>
    </tbody>
</table>

          </div>



<!--
              <div class="table-container">
        <p id="heading">donated</p>
        <div class="table-wrapper">
        <table class="table">
        <thead>
        <tr>
          <th >Name</th>
          <th>food</th>
          <th>Category</th>
          <th>phoneno</th>
```

```
            <th>date/time</th>
            <th>address</th>
            <th>Quantity</th>
            <th>Status</th>


        </tr>
        </thead>
       <tbody>

        <?php
        $loc=$_SESSION['location'];
$query="select * from food_donations where location='$loc' ";
        $result=mysqli_query($connection, $query);
        if($result==true){
           while($row=mysqli_fetch_assoc($result)){
                    echo  "<tr><td  data-label=\"name\">".$row['name']."</td><td  data-
label=\"food\">".$row['food']."</td><td                                                    data-
label=\"category\">".$row['category']."</td><td                                           data-
label=\"phoneno\">".$row['phoneno']."</td><td                                             data-
label=\"date\">".$row['date']."</td><td                                                   data-
label=\"Address\">".$row['address']."</td><td                                             data-
label=\"quantity\">".$row['quantity']."</td><td                    data-label=\"Status\"
>".$row['quantity']."</td></tr>";

            }

         }
         else{
           echo "<p>No results found.</p>";
        }

       ?>

       </tbody>
    </table>
        </div>
             </div>

         -->

       </div>
    </section>

    <script src="admin.js"></script>
</body>
</html>
```

7.6 Delivery.php

```
<?php
ob_start();
// $connection = mysqli_connect("localhost:3307", "root", "");
// $db = mysqli_select_db($connection, 'demo');



include("connect.php");
include '../connection.php';
if($_SESSION['name']==''){
   header("location:deliverylogin.php");
}
$name=$_SESSION['name'];
$city=$_SESSION['city'];
$ch=curl_init();
curl_setopt($ch,CURLOPT_URL,"http://ip-api.com/json");
curl_setopt($ch,CURLOPT_RETURNTRANSFER,1);
$result=curl_exec($ch);
$result=json_decode($result);
// $city= $result->city;
// echo $city;

$id=$_SESSION['Did'];



?>


<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Document</title>
      <script language="JavaScript" src="http://www.geoplugin.net/javascript.gp"
type="text/javascript"></script>
   <link rel="stylesheet" href="../home.css">

   <link rel="stylesheet" href="delivery.css">
</head>
<body>
<header>
```

```
        <div class="logo">Food <b style="color: #06C167;">Donate</b></div>
        <div class="hamburger">
            <div class="line"></div>
            <div class="line"></div>
            <div class="line"></div>
        </div>
        <nav class="nav-bar">
            <ul>
                <li><a href="#home" class="active">Home</a></li>
                <li><a href="openmap.php" >map</a></li>
                <li><a href="deliverymyord.php" >myorders</a></li>
                <li ><a href="logout.php"  >Logout</a></li>
            </ul>
        </nav>

    </header>
    <br>
    <script>
        hamburger=document.querySelector(".hamburger");
        hamburger.onclick =function(){
            navBar=document.querySelector(".nav-bar");
            navBar.classList.toggle("active");
        }
    </script>
<?php

//                                                                                    echo
var_export(unserialize(file_get_contents('http://www.geoplugin.net/php.gp?ip=103.
113.190.19')));
// echo "Your city: {$city}\n";

//          $city          =          "<script          language=javascript>
document.write(geoplugin_city());</script>";
// $scity=$city;
?>
    <style>
        .itm{
            background-color: white;
            display: grid;
        }
        .itm img{
            width: 400px;
            height: 400px;
            margin-left: auto;
            margin-right: auto;
        }
        p{
```

```
            text-align: center; font-size: 30PX;color: black; margin-top: 50px;
        }
        a{
            /* text-decoration: underline; */
        }
        @media (max-width: 767px) {
            .itm{
                /* float: left; */

            }
            .itm img{
                width: 350px;
                height: 350px;
            }
        }
    </style>
        <h2><center>Welcome <?php echo"$name";?></center></h2>

        <div class="itm" >

            <img src="../img/delivery.gif" alt="" width="400" height="400">

        </div>
        <!-- <h2><center>your Location : <?php echo"$city" ?></center></h2> -->
        <div class="get">
            <?php


// Define the SQL query to fetch unassigned orders
$sql = "SELECT fd.Fid AS Fid,fd.location as cure,
fd.name,fd.phoneno,fd.date,fd.delivery_by, fd.address as From_address,
ad.name AS delivery_person_name, ad.address AS To_address
FROM food_donations fd
LEFT JOIN admin ad ON fd.assigned_to = ad.Aid where assigned_to IS NOT NULL
and   delivery_by IS NULL and fd.location='$city';
";

// Execute the query
$result=mysqli_query($connection, $sql);



// Check for errors
if (!$result) {
    die("Error executing query: " . mysqli_error($conn));
}

// Fetch the data as an associative array
```

```
$data = array();
while ($row = mysqli_fetch_assoc($result)) {
   $data[] = $row;
}

// If the delivery person has taken an order, update the assigned_to field in the database
if (isset($_POST['food']) && isset($_POST['delivery_person_id'])) {
   $order_id = $_POST['order_id'];
   $delivery_person_id = $_POST['delivery_person_id'];
     $sql = "SELECT * FROM food_donations WHERE Fid = $order_id AND
delivery_by IS NOT NULL";
   $result = mysqli_query($connection, $sql);

   if (mysqli_num_rows($result) > 0) {
      // Order has already been assigned to someone else
      die("Sorry, this order has already been assigned to someone else.");
   }


     $sql = "UPDATE food_donations SET delivery_by = $delivery_person_id
WHERE Fid = $order_id";
   // $result = mysqli_query($conn, $sql);
   $result=mysqli_query($connection, $sql);


   if (!$result) {
      die("Error assigning order: " . mysqli_error($conn));
   }

   // Reload the page to prevent duplicate assignments
   header('Location: ' . $_SERVER['REQUEST_URI']);
   // exit;
   ob_end_flush();
}
// mysqli_close($conn);


?>
<div class="log">
<!-- <button type="submit" name="food" onclick="">My orders</button> -->
<a href="deliverymyord.php">My orders</a>

</div>


<!-- Display the orders in an HTML table -->
<div class="table-container">
      <!-- <p id="heading">donated</p> -->
```

```
 <div class="table-wrapper">
<table class="table">
<thead>
<tr>
   <th >Name</th>
   <!-- <th>food</th> -->
   <!-- <th>Category</th> -->
   <th>phoneno</th>
   <th>date/time</th>
   <th>Pickup address</th>
   <th>Delivery Address</th>
   <th>Action</th>


</tr>
</thead>
<tbody>

<?php foreach ($data as $row) { ?>
  <?php     echo "<tr><td data-label=\"name\">".$row['name']."</td><td data-label=\"phoneno\">".$row['phoneno']."</td><td data-label=\"date\">".$row['date']."</td><td data-label=\"Pickup Address\">".$row['From_address']."</td><td data-label=\"Delivery Address\">".$row['To_address']."</td>";
?>

   <!-- <td><?= $row['Fid'] ?></td>
   <td><?= $row['name'] ?></td>
   <td><?= $row['address'] ?></td> -->
   <td data-label="Action" style="margin:auto">
      <?php if ($row['delivery_by'] == null) { ?>
         <form method="post" action=" ">
            <input type="hidden" name="order_id" value="<?= $row['Fid'] ?>">
               <input type="hidden" name="delivery_person_id" value="<?= $id ?>">
            <button type="submit" name="food">Take order</button>
         </form>
      <?php } else if ($row['delivery_by'] == $id) { ?>
         Order assigned to you
      <?php } else { ?>
         Order assigned to another delivery person
      <?php } ?>
   </td>
</tr>
<?php } ?>
</tbody>
</table>
```

```
        </div>


  <br>
  <br>
</body>
</html>
```

7.7 Deliverylogin.php

```
<?php


session_start();
// $connection = mysqli_connect("localhost:3307", "root", "");
// $db = mysqli_select_db($connection, 'demo');
include '../connection.php';
$msg=0;
if (isset($_POST['sign'])) {
  $email = $_POST['email'];
  $password = $_POST['password'];
  $sanitized_emailid =  mysqli_real_escape_string($connection, $email);
  $sanitized_password =  mysqli_real_escape_string($connection, $password);
  // $hash=password_hash($password,PASSWORD_DEFAULT);

  $sql = "select * from delivery_persons where email='$sanitized_emailid'";
  $result = mysqli_query($connection, $sql);
  $num = mysqli_num_rows($result);

  if ($num == 1) {
    while ($row = mysqli_fetch_assoc($result)) {
      if (password_verify($sanitized_password, $row['password'])) {
        $_SESSION['email'] = $email;
        $_SESSION['name'] = $row['name'];
        $_SESSION['Did']=$row['Did'];
        $_SESSION['city']=$row['city'];
        header("location:delivery.php");
      } else {
        $msg = 1;
        // echo '<style type="text/css">
        // {
```

```
        //     .password input{

        //         border:.5px solid red;


        //       }

        // }
        // </style>';
        // echo "<h1><center> Login Failed incorrect password</center></h1>";
      }
    }
  } else {


    echo "<h1><center>Account does not exists </center></h1>";
  }




  // $query="select * from login where email='$email'and password='$password'";
      //     $qname="select name from login where email='$email'and
password='$password'";


  // if(mysqli_num_rows($query_run)==1)
  // {
  // //   $_SESSION['name']=$name;

  //   // echo "<h1><center> Login Sucessful  </center></h1>". $name['gender'] ;

  //   $_SESSION['email']=$email;
  //   $_SESSION['name']=$name['name'];
  //   $_SESSION['gender']=$name['gender'];
  //   header("location:home.html");

  // }
  // else{
  //   echo "<h1><center> Login Failed</center></h1>";
  // }
}
?>



<!DOCTYPE html>
```

```
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Login Form</title>
    <link rel="stylesheet" href="deliverycss.css">
  </head>
  <body>
    <div class="center">
      <h1>Delivery Login</h1>
      <form method="post">
        <div class="txt_field">
          <input type="email" name="email" required/>
          <span></span>
          <label>Email</label>
        </div>
        <div class="txt_field">
          <input type="password" name="password" required/>
          <span></span>
          <label>Password</label>

        </div>
        <?php
        if($msg==1){
                    // echo ' <i class="bx bx-error-circle error-icon"></i>';
                    echo '<p class="error">Password not match.</p>';
                }
                ?>
                <br>
        <!-- <div class="pass">Forgot Password?</div> -->
        <input type="submit" value="Login" name="sign">
        <div class="signup_link">
          Not a member? <a href="deliverysignup.php">Signup</a>
        </div>
      </form>
    </div>

  </body>
</html>
```

7.8 Deliverymyord.php

```
<?php
ob_start();

// $connection = mysqli_connect("localhost:3307", "root", "");
// $db = mysqli_select_db($connection, 'demo');
include '../connection.php';
 include("connect.php");
if($_SESSION['name']==''){
   header("location:deliverylogin.php");
}
$name=$_SESSION['name'];
$id=$_SESSION['Did'];
?>


<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Document</title>
   <link rel="stylesheet" href="delivery.css">
   <link rel="stylesheet" href="../home.css">
</head>
<body>
<header>
      <div class="logo">Food <b style="color: #06C167;">Donate</b></div>
      <div class="hamburger">
         <div class="line"></div>
         <div class="line"></div>
         <div class="line"></div>
      </div>
      <nav class="nav-bar">
         <ul>
            <li><a href="delivery.php" >Home</a></li>
            <li><a href="openmap.php" >map</a></li>
            <li><a href="deliverymyord.php"  class="active">myorders</a></li>

         </ul>
      </nav>
   </header>
   <br>
   <script>
      hamburger=document.querySelector(".hamburger");
      hamburger.onclick =function(){
```

```
            navBar=document.querySelector(".nav-bar");
            navBar.classList.toggle("active");
        }
    </script>
    <style>
        .itm{
            background-color: white;
            display: grid;
        }
        .itm img{
            width: 400px;
            height: 400px;
            margin-left: auto;
            margin-right: auto;
        }
        p{
            text-align: center; font-size: 28PX;color: black;
        }
        a{
            /* text-decoration: underline; */
        }
        @media (max-width: 767px) {
            .itm{
                /* float: left; */

            }
            .itm img{
                width: 350px;
                height: 350px;
            }
        }
    </style>

        <div class="itm" >

            <img src="../img/delivery.gif" alt="" width="400" height="400">

        </div>

        <div class="get">
            <?php


// Define the SQL query to fetch unassigned orders
$sql = "SELECT fd.Fid AS Fid, fd.name,fd.phoneno,fd.date,fd.delivery_by,
fd.address as From_address,
ad.name AS delivery_person_name, ad.address AS To_address
```

```
FROM food_donations fd
LEFT JOIN admin ad ON fd.assigned_to = ad.Aid where delivery_by='$id';
";

// Execute the query
$result=mysqli_query($connection, $sql);



// Check for errors
if (!$result) {
    die("Error executing query: " . mysqli_error($conn));
}

// Fetch the data as an associative array
$data = array();
while ($row = mysqli_fetch_assoc($result)) {
    $data[] = $row;
}


// If the delivery person has taken an order, update the assigned_to field in the database
if (isset($_POST['food']) && isset($_POST['delivery_person_id'])) {
    $order_id = $_POST['order_id'];
    $delivery_person_id = $_POST['delivery_person_id'];

      $sql = "UPDATE food_donations SET delivery_by = $delivery_person_id
WHERE Fid = $order_id";
    // $result = mysqli_query($conn, $sql);
    $result=mysqli_query($connection, $sql);


    if (!$result) {
        die("Error assigning order: " . mysqli_error($conn));
    }

    // Reload the page to prevent duplicate assignments
    header('Location: ' . $_SERVER['REQUEST_URI']);
    // exit;
    ob_end_flush();
}
// mysqli_close($conn);


?>
<div class="log">
<!-- <button type="submit" name="food" onclick="">My orders</button> -->
<a href="delivery.php">Take orders</a>
```

```
<p>Order assigned to you</p>
<br>
</div>


<!-- Display the orders in an HTML table -->
<div class="table-container">
        <!-- <p id="heading">donated</p> -->
        <div class="table-wrapper">
       <table class="table">
       <thead>
       <tr>
          <th >Name</th>
          <!-- <th>food</th> -->
          <!-- <th>Category</th> -->
          <th>phoneno</th>
          <th>date/time</th>
          <th>Pickup address</th>
          <th>Delivery address</th>
          <!-- <th>Orders</th> -->

       </tr>
       </thead>
      <tbody>

       <?php foreach ($data as $row) { ?>
         <?php     echo "<tr><td data-label=\"name\">".$row['name']."</td><td data-
label=\"phoneno\">".$row['phoneno']."</td><td                                    data-
label=\"date\">".$row['date']."</td><td                          data-label=\"Pickup
Address\">".$row['From_address']."</td><td                      data-label=\"Delivery
Address\">".$row['To_address']."</td>";
?>

          <!-- <td><?= $row['Fid'] ?></td>
          <td><?= $row['name'] ?></td>
          <td><?= $row['address'] ?></td> -->
          <!-- <td data-label="Action" style="margin:auto"> -->
             <!-- <?php if ($row['delivery_by'] == $id) { ?>
                Order assigned to you
             <?php } else { ?>
                Order assigned to another delivery person
             <?php } ?> -->
          </td>
       </tr>
       <?php } ?>
    </tbody>
</table>
```

```
        </div>


  <br>
  <br>
</body>
</html>
```

7.9 Donate.php

```
<?php
// $connection = mysqli_connect("localhost:3307", "root", "");
// $db = mysqli_select_db($connection, 'demo');
include "../connection.php";
include("connect.php");
if($_SESSION['name']==''){
   header("location:signin.php");
}
?>
<!DOCTYPE html>

<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">

   <!----======== CSS ======== -->
   <link rel="stylesheet" href="admin.css">

   <!----===== Iconscout CSS ===== -->
                                        <link                    rel="stylesheet"
href="https://unicons.iconscout.com/release/v4.0.0/css/line.css">

   <title>Admin Dashboard Panel</title>

<?php
```

```
// $connection=mysqli_connect("localhost:3307","root","");
// $db=mysqli_select_db($connection,'demo');



?>
</head>
<body>
   <nav>
      <div class="logo-name">
         <div class="logo-image">
            <!--<img src="images/logo.png" alt="">-->
         </div>

         <span class="logo_name">ADMIN</span>
      </div>

      <div class="menu-items">
         <ul class="nav-links">
            <li><a href="admin.php">
               <i class="uil uil-estate"></i>
               <span class="link-name">Dahsboard</span>
            </a></li>
            <!-- <li><a href="#">
               <i class="uil uil-files-landscapes"></i>
               <span class="link-name">Content</span>
            </a></li> -->
            <li><a href="analytics.php">
               <i class="uil uil-chart"></i>
               <span class="link-name">Analytics</span>
            </a></li>
            <li><a href="#">
               <i class="uil uil-heart"></i>
               <span class="link-name">Donates</span>
            </a></li>
            <li><a href="feedback.php">
               <i class="uil uil-comments"></i>
               <span class="link-name">Feedbacks</span>
            </a></li>
            <li><a href="adminprofile.php">
               <i class="uil uil-user"></i>
               <span class="link-name">Profile</span>
            </a></li>
            <!-- <li><a href="#">
               <i class="uil uil-share"></i>
               <span class="link-name">Share</span>
            </a></li> -->
```

```
        </ul>

        <ul class="logout-mode">
          <li><a href="../logout.php">
              <i class="uil uil-signout"></i>
              <span class="link-name">Logout</span>
          </a></li>

          <li class="mode">
              <a href="#">
                  <i class="uil uil-moon"></i>
              <span class="link-name">Dark Mode</span>
          </a>

          <div class="mode-toggle">
            <span class="switch"></span>
          </div>
        </li>
        </ul>
    </div>
</nav>

<section class="dashboard">

    <div class="top">
        <i class="uil uil-bars sidebar-toggle"></i>
        <!-- <p>Food Donate</p> -->
        <p  class ="logo" >Food <b style="color: #06C167; ">Donate</b></p>
         <p class="user"></p>
        <!-- <div class="search-box">
            <i class="uil uil-search"></i>
            <input type="text" placeholder="Search here...">
        </div> -->

        <!--<img src="images/profile.jpg" alt="">-->
    </div>
    <br>
    <br>
    <br>



        <div class="activity">

        <div class="location">
            <!-- <p class="logo">Filter by Location</p> -->
       <form method="post">
```

```
        <label for="location" class="logo">Select Location:</label>
        <!-- <br> -->
        <select id="location" name="location">
          <option value="chennai">chennai</option>
          <option value="madurai">madurai</option>
          <option value="coimbatore">coimbatore</option>

        </select>
          <input type="submit" value="Get Details">
      </form>
      <br>

      <?php
    // Get the selected location from the form
    if(isset($_POST['location'])) {
      $location = $_POST['location'];

      // Query the database for people in the selected location
      $sql = "SELECT * FROM food_donations WHERE location='$location'";
      $result=mysqli_query($connection, $sql);
    //   $result = $conn->query($sql);

      // If there are results, display them in a table
      if ($result->num_rows > 0) {
        // echo "<h2>Food Donate in $location:</h2>";

        echo" <div class=\"table-container\">";
        echo "    <div class=\"table-wrapper\">";
        echo "  <table class=\"table\">";
        echo "<table><thead>";
        echo" <tr>
        <th >Name</th>
        <th>food</th>
        <th>Category</th>
        <th>phoneno</th>
        <th>date/time</th>
        <th>address</th>
        <th>Quantity</th>

    </tr>
    </thead><tbody>";

        while($row = $result->fetch_assoc()) {
                    echo   "<tr><td   data-label=\"name\">".$row['name']."</td><td  data-
label=\"food\">".$row['food']."</td><td                                                  data-
label=\"category\">".$row['category']."</td><td                                          data-
label=\"phoneno\">".$row['phoneno']."</td><td                                            data-
```

```
label=\"date\">".$row['date']."</td><td                                    data-
label=\"Address\">".$row['address']."</td><td                              data-
label=\"quantity\">".$row['quantity']."</td></tr>";

        //    echo "<tr><td>" . $row["name"] . "</td><td>" . $row["phoneno"] .
"</td><td>" . $row["location"] . "</td></tr>";
      }
      echo "</tbody></table></div>";
    } else {
      echo "<p>No results found.</p>";
    }


  }
 ?>
</div>




        </div>
  </section>

  <script src="admin.js"></script>
</body>
</html>
```

7.10 Login.php

```
<?php
session_start();
include 'connection.php';
// $connection = mysqli_connect("localhost:3307", "root", "");
// $db = mysqli_select_db($connection, 'demo');
if (isset($_POST['sign'])) {
  $email = $_POST['email'];
  $password = $_POST['password'];
  $sanitized_emailid =  mysqli_real_escape_string($connection, $email);
  $sanitized_password =  mysqli_real_escape_string($connection, $password);
  // $hash=password_hash($password,PASSWORD_DEFAULT);

  $sql = "select * from login where email='$sanitized_emailid'";
  $result = mysqli_query($connection, $sql);
  $num = mysqli_num_rows($result);
  if ($num == 1) {
    while ($row = mysqli_fetch_assoc($result)) {
```

```
      if (password_verify($sanitized_password, $row['password'])) {
        $_SESSION['email'] = $email;
        $_SESSION['name'] = $row['name'];
        $_SESSION['gender'] = $row['gender'];
        header("location:home.html");
      } else {
        // echo "<h1><center> Login Failed incorrect password</center></h1>";
      }
    }
  } else {
    echo "<h1><center>Account does not exists </center></h1>";
  }
}
?>
```

7.11 Profile.php

```
<?php
include("login.php");
// if($_SESSION['loggedin']==true){
//     header("location:loginindex.html");
// }

if($_SESSION['name']==''){
    header("location: signup.php");
}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <!-- <title>Document</title> -->
    <link rel="stylesheet" href="home.css">
    <link rel="stylesheet" href="profile.css">
        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">



</head>
<body>
<header>
```

```
        <div class="logo">Food <b style="color: #06C167;">Donate</b></div>
        <div class="hamburger">
            <div class="line"></div>
            <div class="line"></div>
            <div class="line"></div>
        </div>
        <nav class="nav-bar">
            <ul>
                <li><a href="home.html">Home</a></li>
                <li><a href="about.html" >About</a></li>
                <li><a href="contact.html"  >Contact</a></li>
                <li><a href="profile.php"  class="active">Profile</a></li>
            </ul>
        </nav>
    </header>
    <script>
        hamburger=document.querySelector(".hamburger");
        hamburger.onclick =function(){
            navBar=document.querySelector(".nav-bar");
            navBar.classList.toggle("active");
        }
    </script>

    <div class="profile">
    <!-- <section class="cover" >

        </section>
     -->
        <div class="profilebox" style="">

            <p class="headingline" style="text-align: left;font-size:30px;"> <img src="" alt="" style="width:40px; height:  height: 25px;; padding-right: 10px; position: relative;" >Profile</p>
<!--
            <img src="user.png" alt="" style="  width: 90px;
            height: 90px;
            /* border-radius:50% ;  */
            display: block;
            margin-left: auto;
            margin-right: auto;
            padding-top: 10px;
             /* border: 1px solid #06C167; */
            ">
            <br> -->
              <!-- <p style="font-size: 28px;">welcome</p> -->
              <!-- <p style="color: #06C167;">username</p> -->
              <br>
```

```
            <div class="info" style="padding-left:10px;">
            <p style="">Name  :<?php echo"". $_SESSION['name'] ;?> </p><br>
            <p style="">Email :<?php echo"". $_SESSION['email'];?> </p><br>
            <p style="">Gender:<?php echo"". $_SESSION['gender'] ;?> </p><br>
                        <!-- <p style="font-family: 'Times New Roman', Times, serif;">gender  :<?php echo"". $_SESSION['gender'] ;?> </p><br>  -->

             <a href="logout.php" style="float: left;margin-top: 6px ;border-radius:5px; background-color: #06C167; color: white;padding: ;padding-left: 10px;padding-right: 10px;">Logout</a>
            </div>
            <br>
            <br>
        <hr>
        <br>
        <p class="heading">Your donations</p>
         <!-- <p class="" style="font-family: 'Times New Roman', Times, serif; font-size: 20px;">Your donations</p><br> -->
        <!-- <img src="profilecover1.jpg" alt="" width='100%' height='auto'> -->
   <div class="table-container">
        <!-- <p id="heading">donated</p> -->
        <div class="table-wrapper">
       <table class="table">
       <thead>
       <tr>
          <th>food</th>
          <th>Type</th>
          <th>Category</th>
          <th>date/time</th>
       </tr>
       </thead>
      <tbody>


        <?php
$email=$_SESSION['email'];
       $query="select * from food_donations where email='$email'";
       $result=mysqli_query($connection, $query);
       if($result==true){
          while($row=mysqli_fetch_assoc($result)){
                                                                                  echo
"<tr><td>".$row['food']."</td><td>".$row['type']."</td><td>".$row['category']."</td><td>".$row['date']."</td></tr>";

            }
          }
      ?>
```

```
        </tbody>
    </table>
        </div>
    </div>

        </div

    </div>

</body>
</html>
```

7.12 Signin.php

```
<?php
session_start();
include 'connection.php';
// $connection = mysqli_connect("localhost:3307", "root", "");
// $db = mysqli_select_db($connection, 'demo');
$msg=0;
if (isset($_POST['sign'])) {
  $email =mysqli_real_escape_string($connection, $_POST['email']);
  $password =mysqli_real_escape_string($connection, $_POST['password']);

  // $sanitized_emailid =  mysqli_real_escape_string($connection, $email);
  // $sanitized_password =  mysqli_real_escape_string($connection, $password);
  $sql = "select * from login where email='$email'";
  $result = mysqli_query($connection, $sql);
  $num = mysqli_num_rows($result);

  if ($num == 1) {
    while ($row = mysqli_fetch_assoc($result)) {
      if (password_verify($password, $row['password'])) {
        $_SESSION['email'] = $email;
        $_SESSION['name'] = $row['name'];
        $_SESSION['gender'] = $row['gender'];
        header("location:home.html");
      } else {
        $msg = 1;

      }
    }
  } else {
    echo "<h1><center>Account does not exists </center></h1>";
  }
```

```
}
?>
<!DOCTYPE html>
<html lang="en">

<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Document</title>
   <link rel="stylesheet" href="loginstyle.css">
   <link rel="stylesheet" href="path/to/font-awesome/css/font-awesome.min.css">
         <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.2.1/css/all.min.css">
            <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.3.0/font/bootstrap-icons.css" />

                                                <link rel="stylesheet"
href="https://unicons.iconscout.com/release/v4.0.0/css/line.css">

</head>

<body>
   <style>
   .uil {

      top: 42%;
   }
   </style>
   <div class="container">
      <div class="regform">

         <form action=" " method="post">

                        <p class="logo" style="">Food <b style="color:#06C167;
">Donate</b></p>
            <p id="heading" style="padding-left: 1px;"> Welcome back ! <img src=""
alt=""> </p>

            <div class="input">
                  <input type="email" placeholder="Email address" name="email"
value="" required />
            </div>
            <div class="password">
                 <input type="password" placeholder="Password" name="password"
id="password" required />
```

```
                <i class="uil uil-eye-slash showHidePw"></i>

                <?php
                if($msg==1){
                    echo ' <i class="bx bx-error-circle error-icon"></i>';
                    echo '<p class="error">Password not match.</p>';
                }
                ?>

            </div>


            <div class="btn">
                <button type="submit" name="sign"> Sign in</button>
            </div>
            <div class="signin-up">
                                <p id="signin-up">Don't have an account? <a
href="signup.php">Register</a></p>
            </div>
        </form>
    </div>


</div>
<script src="login.js"></script>
<script src="admin/login.js"></script>
</body>
</html>
```

7.13 Signup.php

```
<?php
include 'connection.php';
// $connection=mysqli_connect("localhost:3307","root","");
// $db=mysqli_select_db($connection,'demo');
if(isset($_POST['sign']))
{

    $username=$_POST['name'];
    $email=$_POST['email'];
    $password=$_POST['password'];
    $gender=$_POST['gender'];

    $pass=password_hash($password,PASSWORD_DEFAULT);
    $sql="select * from login where email='$email'" ;
    $result= mysqli_query($connection, $sql);
    $num=mysqli_num_rows($result);
```

```
    if($num==1){

        echo "<h1><center>Account already exists</center></h1>";
    }
    else{

                    $query="insert into login(name,email,password,gender)
values('$username','$email','$pass','$gender')";
    $query_run= mysqli_query($connection, $query);
    if($query_run)
    {


        header("location:signin.php");

    }
    else{
        echo '<script type="text/javascript">alert("data not saved")</script>';

    }

}
?>
<DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Login</title>
    <link rel="stylesheet" href="loginstyle.css">
    <link rel="stylesheet" href="path/to/font-awesome/css/font-awesome.min.css">
          <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.2.1/css/all.min.css">
            <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.3.0/font/bootstrap-icons.css" />
                                        <link rel="stylesheet"
href="https://unicons.iconscout.com/release/v4.0.0/css/line.css">


</head>
<body>

    <div class="container">
    <div class="regform">

        <form action=" " method="post">
```

```
            <p class="logo">Food <b style="color: #06C167;">Donate</b></p>

            <p id="heading">Create your account</p>

            <div class="input">
              <label class="textlabel" for="name">User name</label><br>

              <input type="text" id="name" name="name" required/>
            </div>
            <div class="input">
              <label class="textlabel" for="email">Email</label>
              <input type="email" id="email" name="email" required/>

              <!-- <label class="textlabel" for="phoneno">Phone no</label>
 <input type="text" id="phoneno" name="phoneno" > -->

              <!-- <label class="textlabel" for="password">Password</label>
              <input type="password" id="password" name="password" > -->

            </div>
            <label class="textlabel" for="password">Password</label>
            <div class="password">

              <input type="password" name="password" id="password" required/>
             <!-- <i class="fa fa-eye-slash" aria-hidden="true" id="showpassword"></i>
-->
              <!-- <i class="bi bi-eye-slash" id="showpassword"></i>  -->
              <!-- <i class="uil uil-lock icon"></i> -->
             <i class="uil uil-eye-slash showHidePw" id="showpassword"></i>

            </div>

            <div class="radio">

              <input type="radio" name="gender" id="male" value="male" required/>
              <label for="male" >Male</label>
              <input type="radio" name="gender" id="female" value="female">
              <label for="female" >Female</label>

            </div>
            <div class="btn">
              <button type="submit" name="sign">Continue</button>
            </div>

             <!-- <button type="submit" style="background-color:white ;color: #000;
margin-top:5px;  padding: 10px 25px;">
              <img src="google.svg" style="width:22px" >
```

```
            Continue With  Google </button>  -->

          <div class="signin-up">
              <p style="font-size: 20px; text-align: center;">Already have an account?
<a href="signin.php"> Sign in</a></p>
          </div>


       </form>
       </div>
       <!-- <div class="right">
          <img src="cover.jpg" alt="" width="800" height="700">
       </div> -->

    </div>
<!-- <script src="login.js"></script> -->
    <script src="admin/login.js"></script>

</body>
</html>
```

7.14 Feedback.php

```
<?php
// $connection = mysqli_connect("localhost:3307", "root", "");
// $db = mysqli_select_db($connection, 'demo');
include '../connection.php';
 include("connect.php");
if($_SESSION['name']==''){
    header("location:signin.php");
}
?>
<!DOCTYPE html>

<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
          <link     rel="stylesheet"     href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">

    <!----======== CSS ======== -->
    <link rel="stylesheet" href="admin.css">

    <!----===== Iconscout CSS ===== -->
                                                <link                    rel="stylesheet"
href="https://unicons.iconscout.com/release/v4.0.0/css/line.css">
```

```
    <title>Admin Dashboard Panel</title>

<?php
//  $connection=mysqli_connect("localhost:3307","root","");
//  $db=mysqli_select_db($connection,'demo');



?>
</head>
<body>
    <nav>
        <div class="logo-name">
<div class="logo-image">
                <!--<img src="images/logo.png" alt="">-->
            </div>

            <span class="logo_name">ADMIN</span>
        </div>

        <div class="menu-items">
            <ul class="nav-links">
                <li><a href="admin.php">
                    <i class="uil uil-estate"></i>
                    <span class="link-name">Dahsboard</span>
                </a></li>
                <!-- <li><a href="#">
                    <i class="uil uil-files-landscapes"></i>
                    <span class="link-name">Content</span>
                </a></li> -->
                <li><a href="analytics.php">
                    <i class="uil uil-chart"></i>
                    <span class="link-name">Analytics</span>
                </a></li>
                <li><a href="donate.php">
                    <i class="uil uil-heart"></i>
                    <span class="link-name">Donates</span>
                </a></li>
                <li><a href="#">
                    <i class="uil uil-comments"></i>
                    <span class="link-name">Feedbacks</span>
                </a></li>
                <li><a href="adminprofile.php">
                    <i class="uil uil-user"></i>
                    <span class="link-name">Profile</span>
                </a></li>
```

```
            <!-- <li><a href="#">
                <i class="uil uil-share"></i>
                <span class="link-name">Share</span>
            </a></li> -->
          </ul>

          <ul class="logout-mode">
            <li><a href="../logout.php">
                <i class="uil uil-signout"></i>
                <span class="link-name">Logout</span>
            </a></li>

            <li class="mode">
                <a href="#">
                    <i class="uil uil-moon"></i>
<span class="link-name">Dark Mode</span>
            </a>

            <div class="mode-toggle">
              <span class="switch"></span>
            </div>
          </li>
          </ul>
        </div>
    </nav>

    <section class="dashboard">

        <div class="top">
            <i class="uil uil-bars sidebar-toggle"></i>
            <!-- <p>Food Donate</p> -->
            <p  class ="logo" >Feed<b style="color: #06C167; ">back</b></p>
             <p class="user"></p>
            <!-- <div class="search-box">
                <i class="uil uil-search"></i>
                <input type="text" placeholder="Search here...">
            </div> -->

            <!--<img src="images/profile.jpg" alt="">-->
        </div>
        <br>
        <br>
        <br>

            <div class="activity">

                <div class="table-container">
```

```
        <div class="table-wrapper">
       <table class="table">
       <thead>
       <tr>
          <th>name</th>
          <th>email</th>
          <th>message</th>



       </tr>
       </thead>
      <tbody>

       <?php
       $query="select * from user_feedback ";
       $result=mysqli_query($connection, $query);
       if($result==true){
          while($row=mysqli_fetch_assoc($result)){
                    echo  "<tr><td  data-label=\"name\">".$row['name']."</td><td  data-
label=\"email\">".$row['email']."</td><td                                                    data-
label=\"message\">".$row['message']."</td></tr>";

           }
         }
      ?>

       </tbody>
   </table>
       </div>
            </div>
       </div>
   </section>

   <script src="admin.js"></script>
</body>
</html>
```

CHAPTER-8

SCREENSHOTS

Home Page:

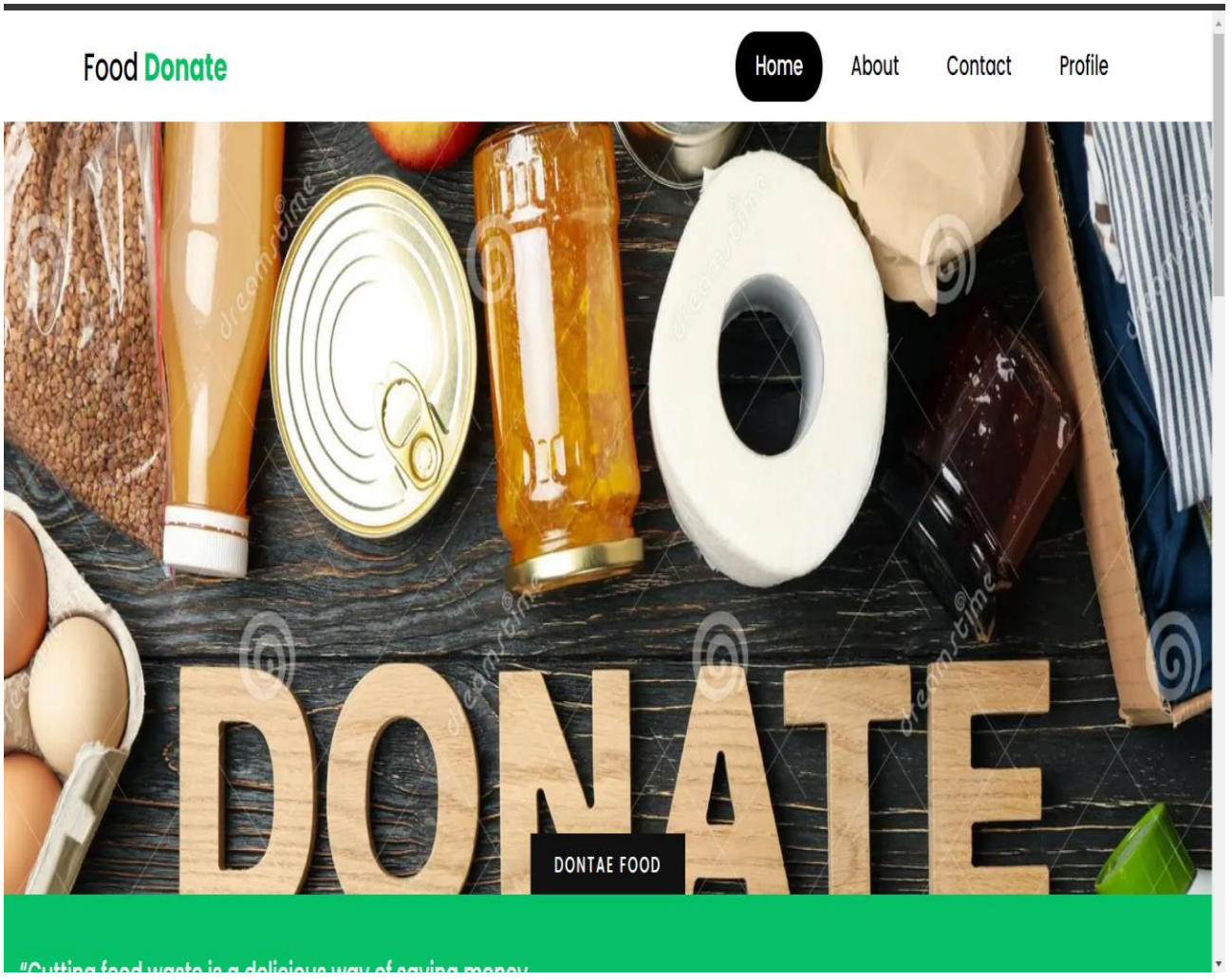


Figure:-8.1

Login Page:

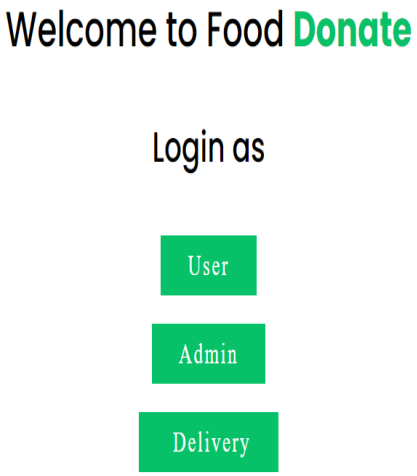
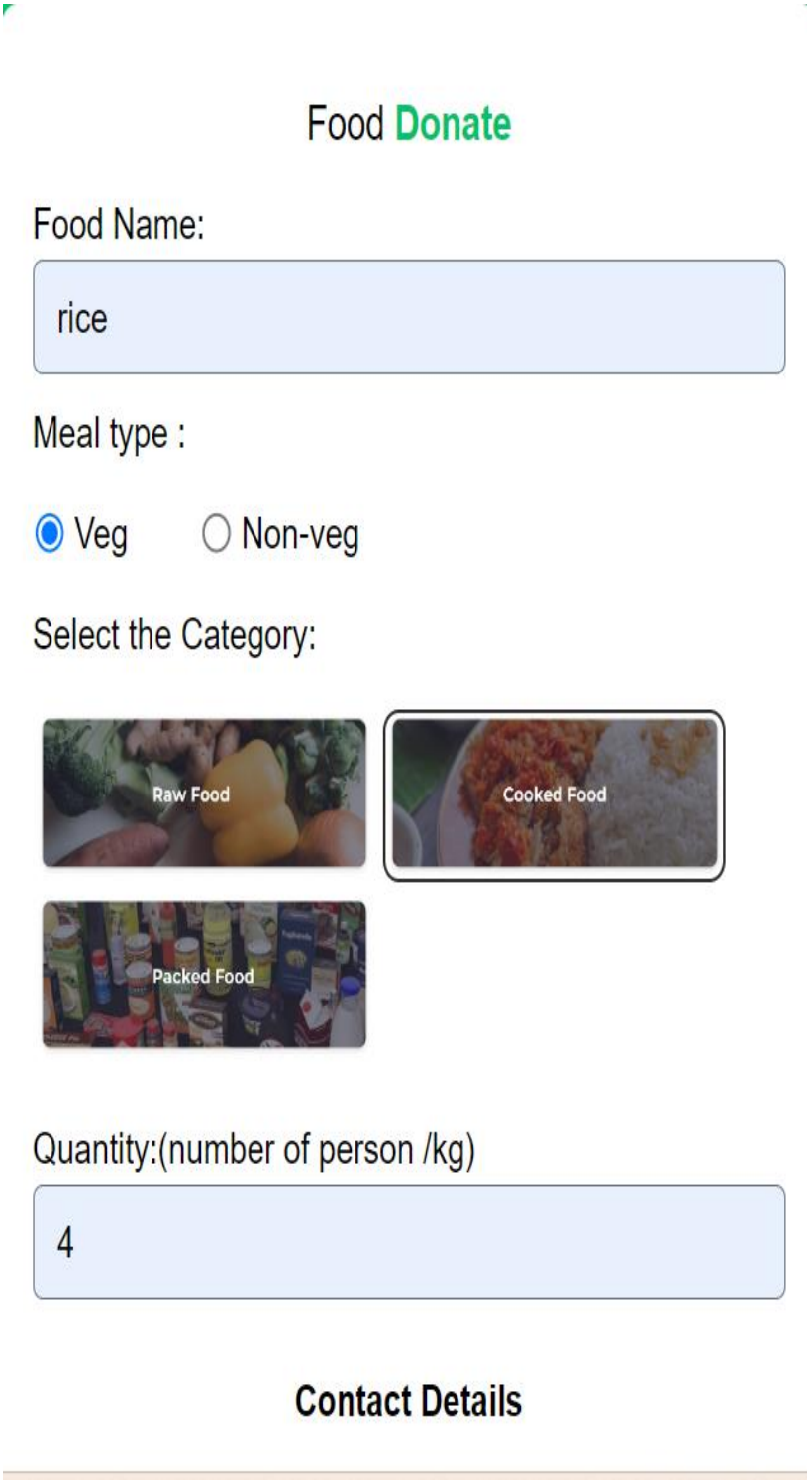


Figure :-8.2

User Module:


Food Donate
Food Name:
rice
Meal type :
Veg
Non-veg
Select the Category:
Raw Food
Cooked Food
Packed Food
Quantity:(number of person /kg)
4
Contact Details

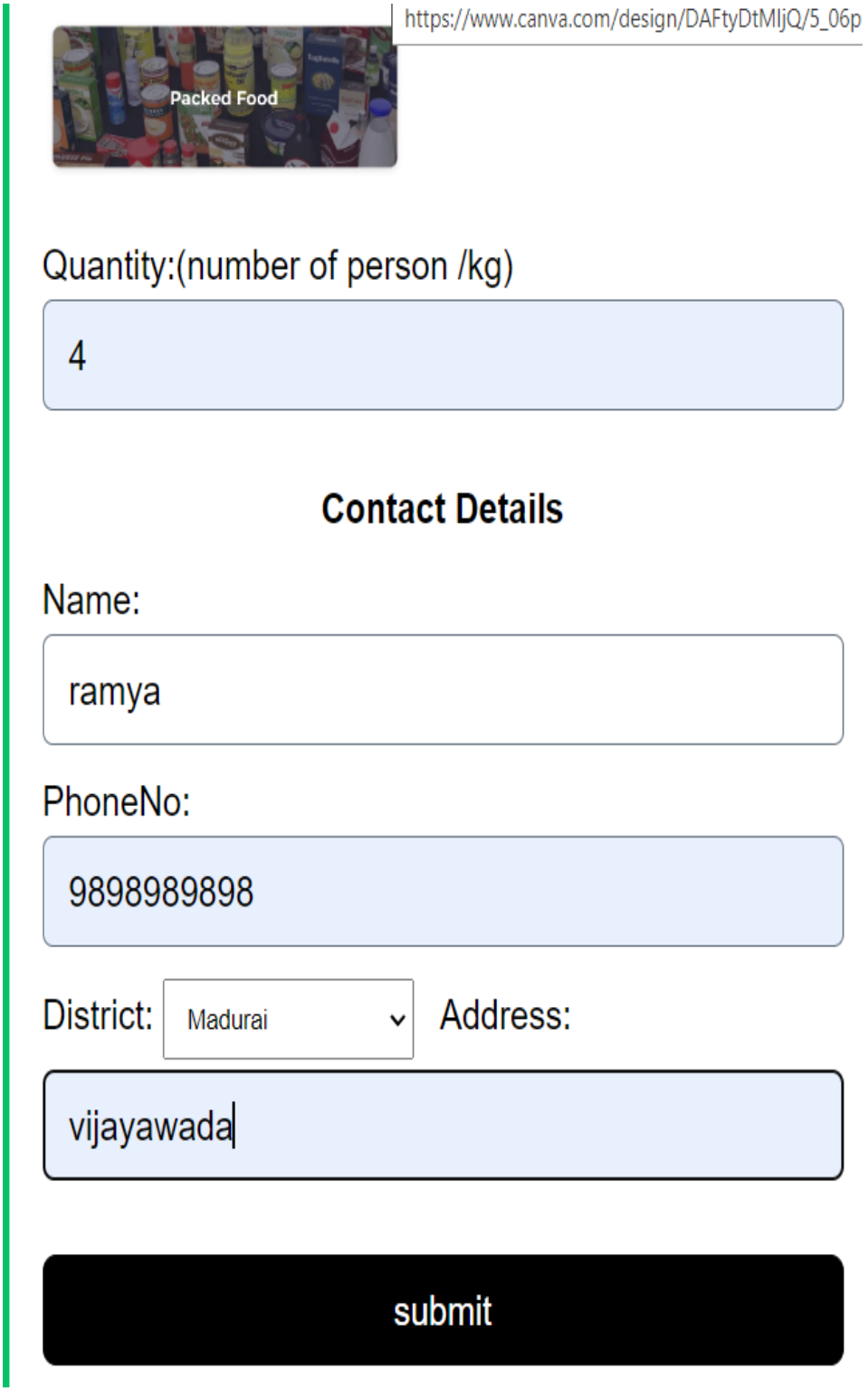

https://www.canva.com/design/DAFtyDtMIjQ/5_06p
Packed Food
Quantity:(number of person /kg)
4
Contact Details
Name:
ramya
PhoneNo:
9898989898
District:
Madurai
Address:
vijayawada
submit

Figure:- 8.3

Admin login:

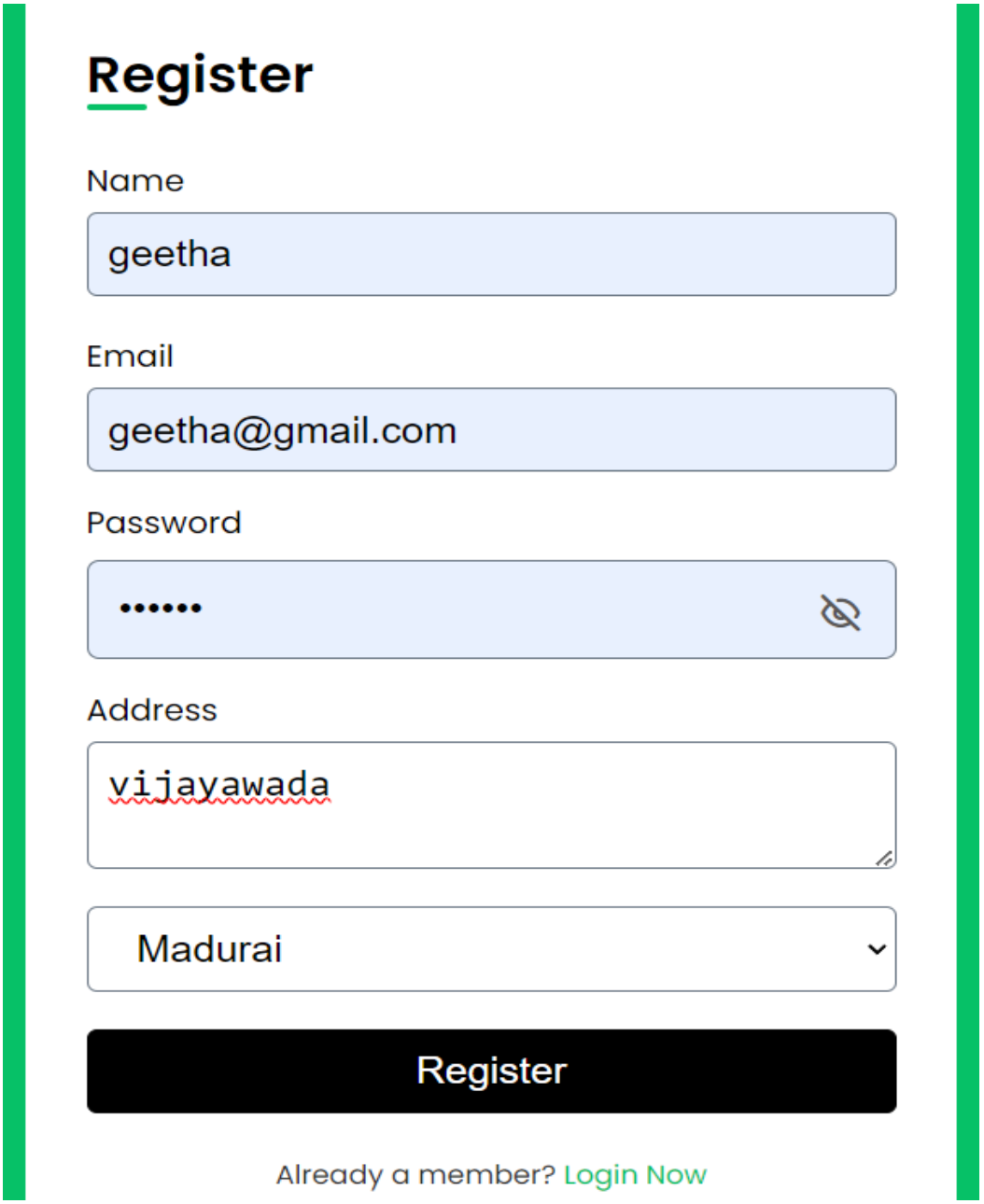


Figure:- 8.4

Delivery Module:

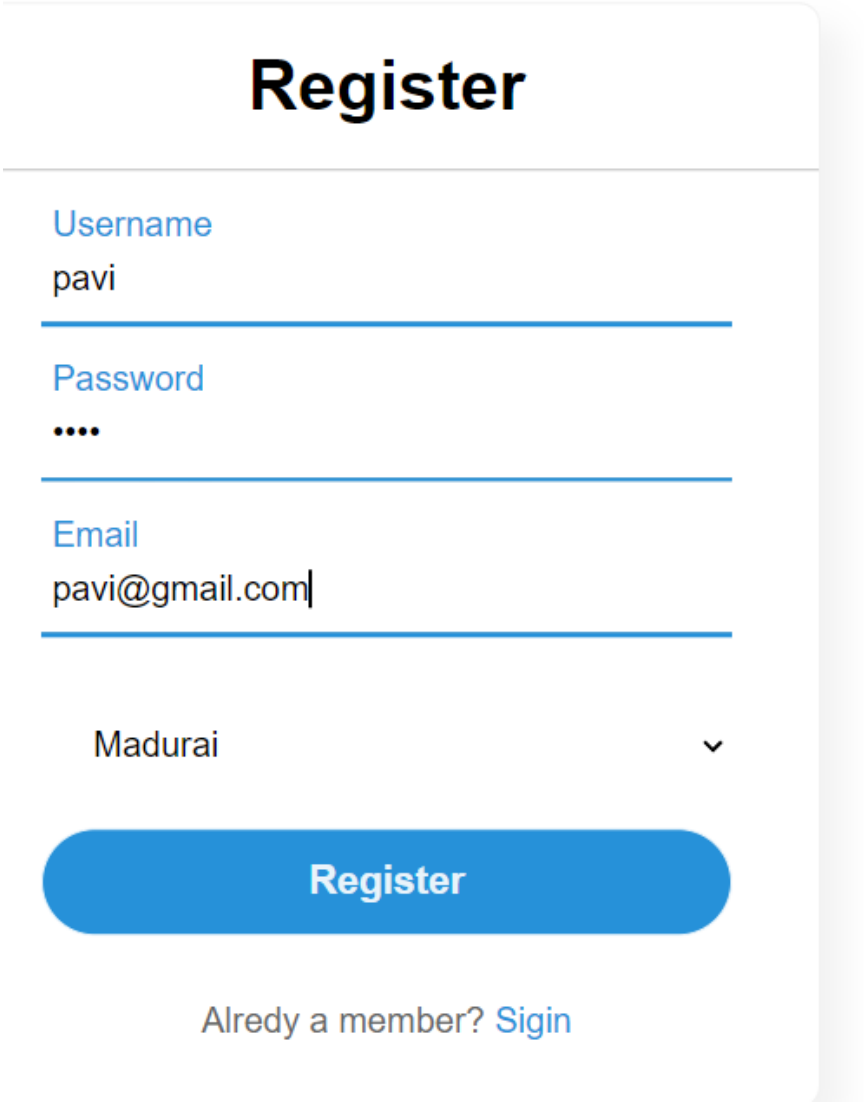


Figure:-8.5

Dashboard Module:

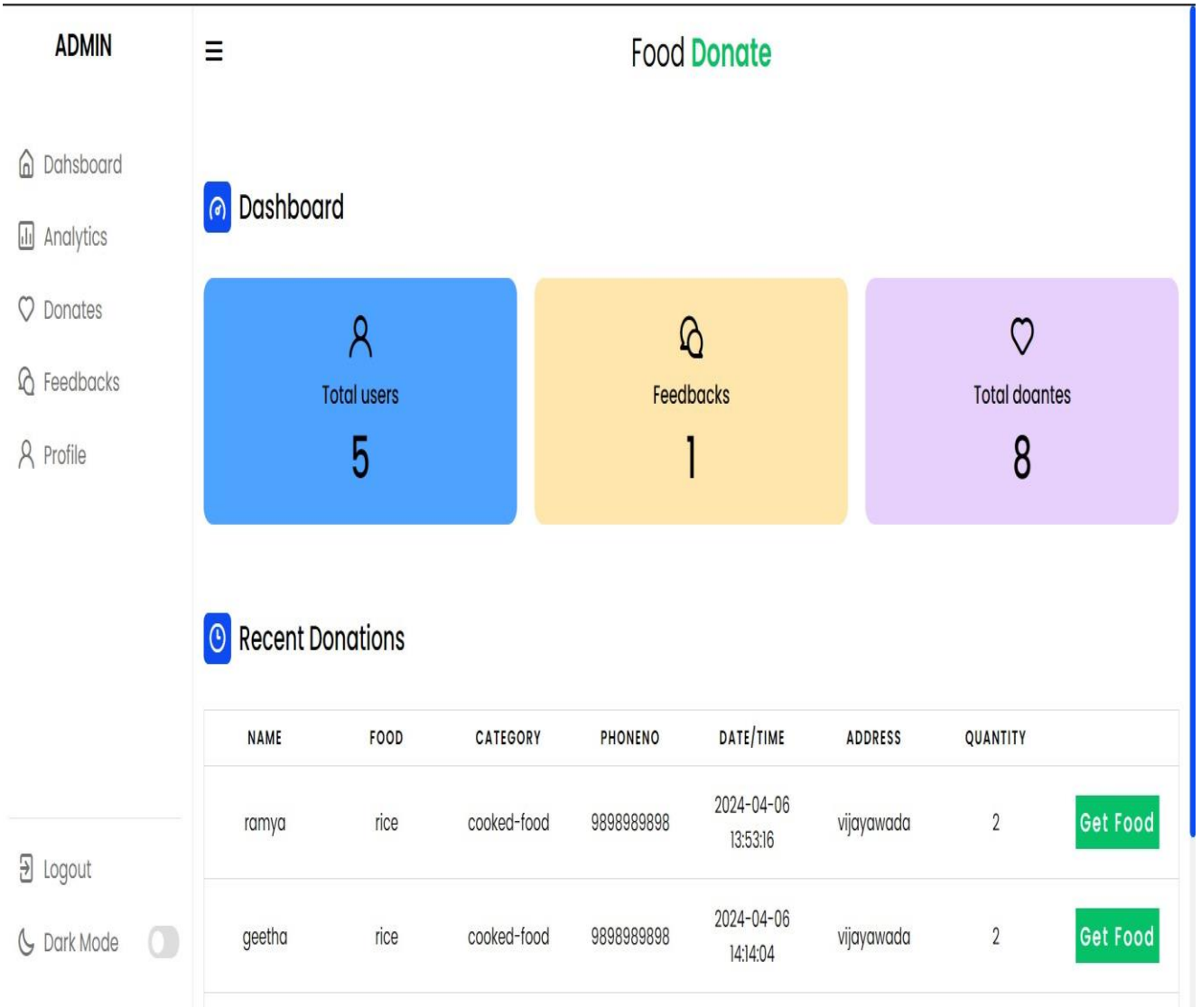


Figure:-8.6

Analysis Module:

Figure:-8.7

Location Page:

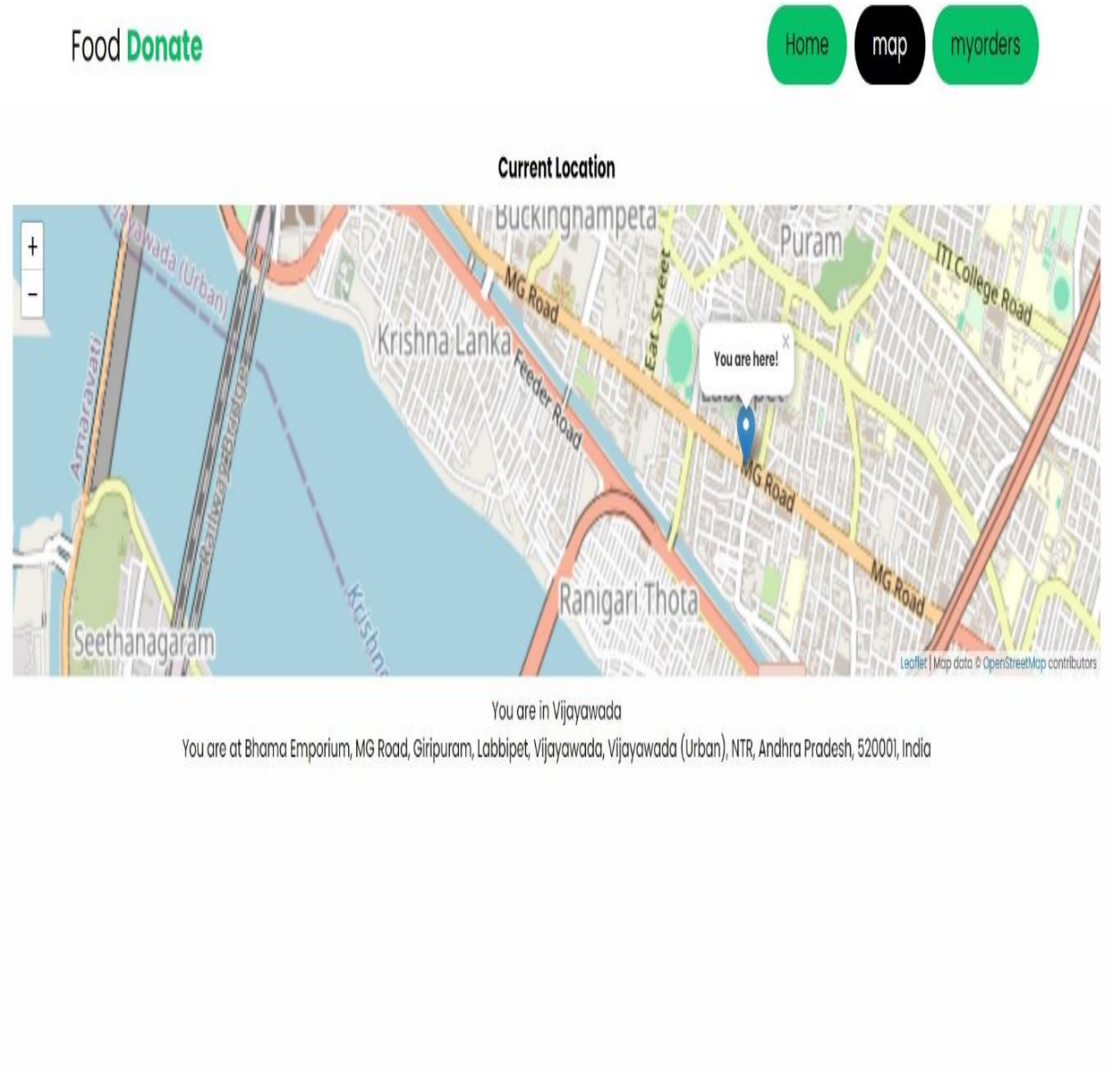


Figure:-8.8

Myorders:

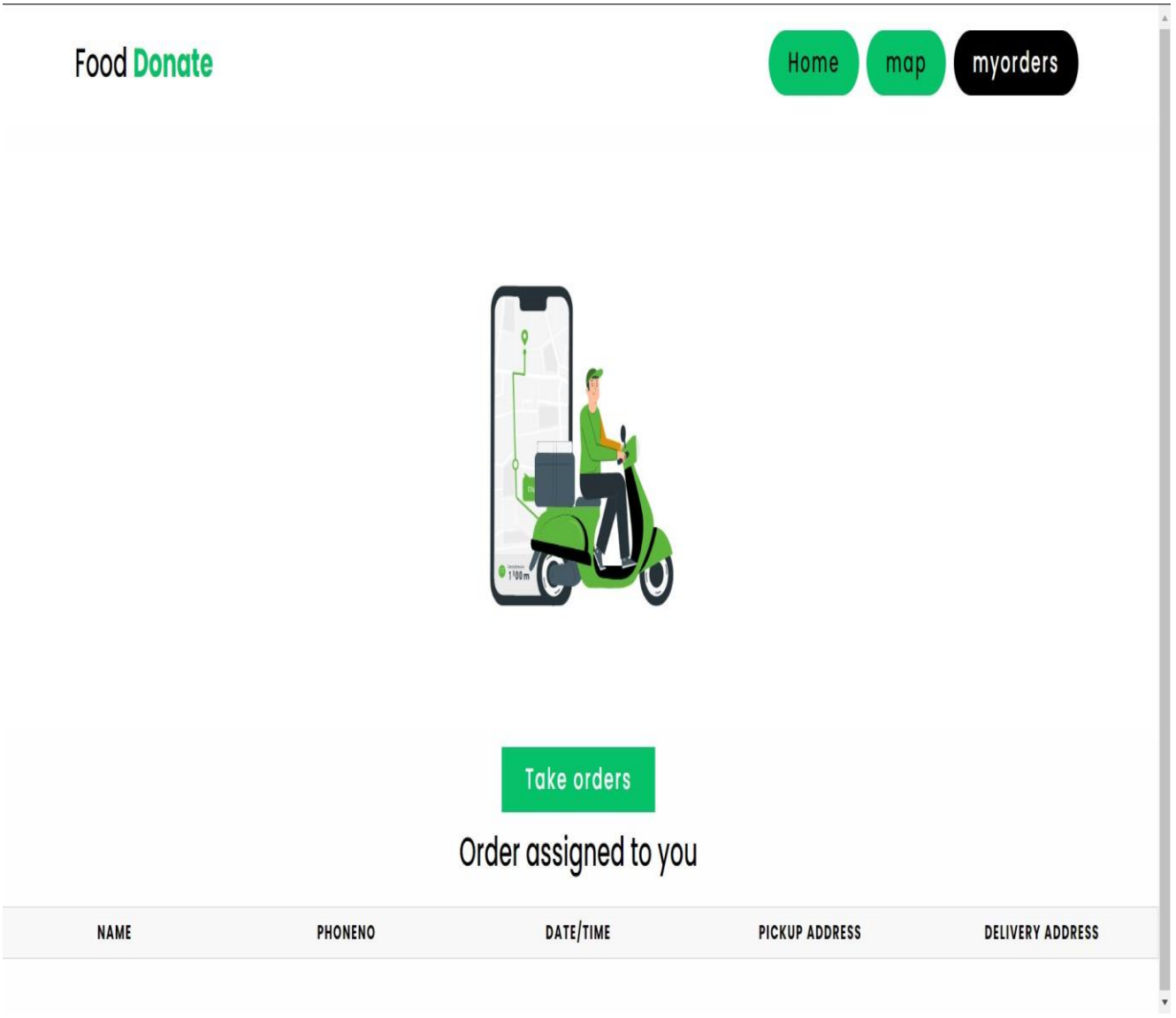


Figure:-8.9

Profile:

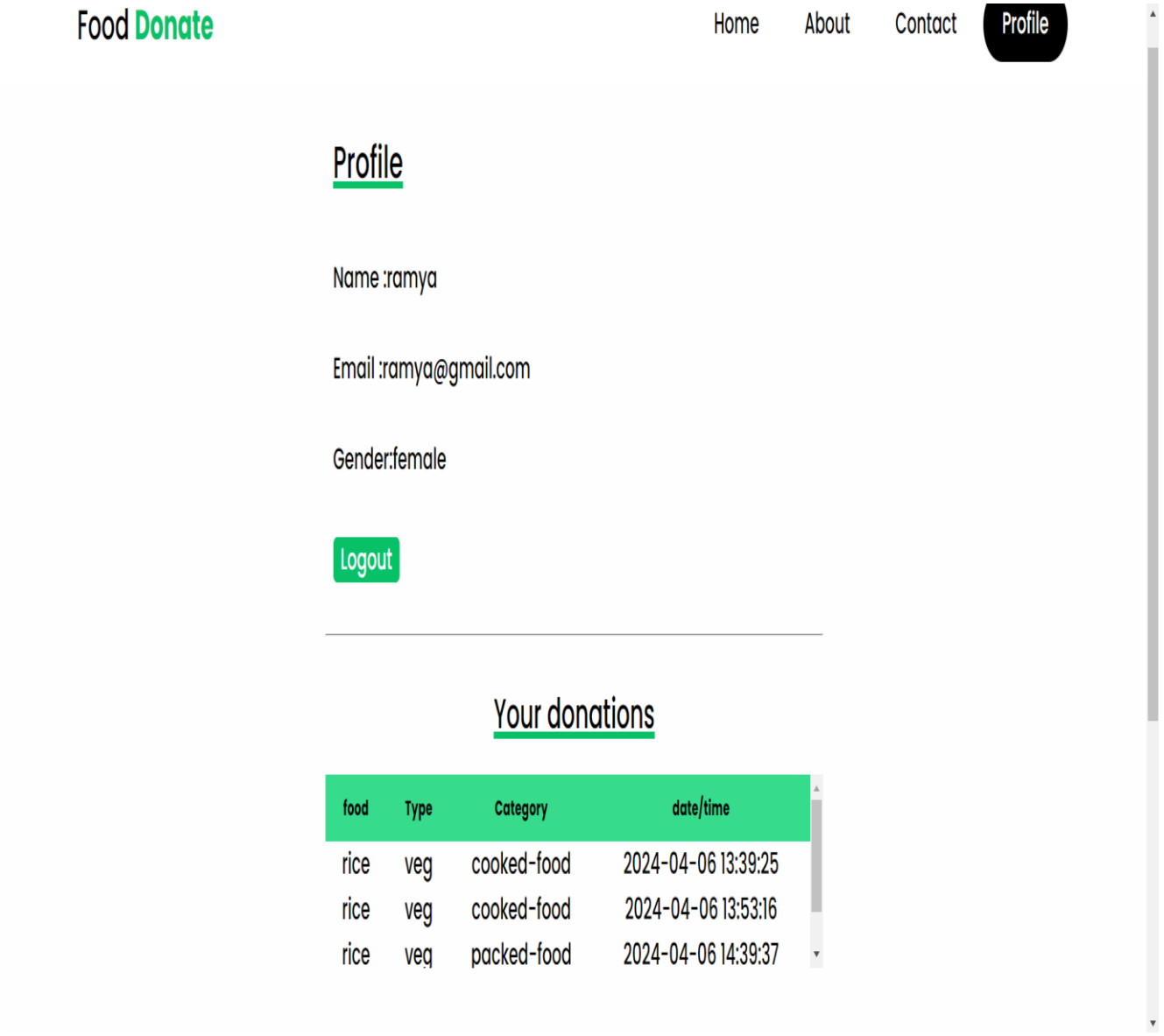


Figure:-8.10

CHAPTER-9
CONCLUSION

In conclusion, FeedFriend's journey in fostering community involvement in food assistance has been marked by innovation, collaboration, and a steadfast commitment to making a meaningful difference in the lives of those facing food insecurity. Through our comprehensive approach, we have not only addressed immediate nutritional needs but also catalyzed profound social change within communities.

Our initiative's success stems from a combination of technological advancements and grassroots engagement. The integration of a user-friendly digital platform has revolutionized the process of food redistribution, facilitating seamless donations, collections, and distributions. This efficiency has not only increased the quantity of food reaching those in need but has also minimized waste, contributing to a more sustainable food ecosystem.

However, beyond the technological aspect, the heart of FeedFriend lies in its emphasis on community collaboration. By actively involving local residents, businesses, and organizations, we have fostered a sense of shared responsibility and solidarity in addressing food insecurity. This inclusive approach has not only strengthened social bonds but has also empowered individuals to take an active role in supporting their neighbors and building a more resilient community.

Moreover, FeedFriend's impact extends beyond food provision, challenging stereotypes, and promoting inclusivity. By creating opportunities for diverse groups to come together and collaborate, we have fostered understanding, empathy, and a sense of belonging. This has not only transformed individual lives but has also contributed to a more compassionate and cohesive society at large.

As we look to the future, FeedFriend remains committed to driving positive change and building upon the foundation of community engagement. Through ongoing innovation, collaboration, and empowerment, we will continue to expand our reach and deepen our impact, working towards a future where no one goes hungry, and where every community member has the support they need to thrive. Together, we can create a world where food assistance isn't just a service but a catalyst for lasting social transformation.

CHAPTER-10
BIBLIOGRAPHY AND REFERENCE

- **The Challenges of Establishing Food Donation System [PDF]** (https://www.researchgate.net/publication/321914425_The_Challenges_of_Establishing_Food_Donation_System) This research paper discusses the process of setting up a food donation system, highlighting the roles of different stakeholders and challenges faced.

Technical Implementation:

- **INTEGRATED APPROACH FOR FOOD DONATION SYSTEM, RESTAURANT FOOD DEMANDING FORECASTING USING MACHINE LEARNING, AND GLOBAL FOOD WAST [PDF]** (https://www.irjmets.com/uploadedfiles/paper//issue_7_july_2023/42802/final/fin_irjmets1688300798.pdf) This paper proposes a food donation system that utilizes a website and machine learning for sales prediction to optimize food distribution.
- **kishor-23/food-waste-management-system: Food Donate is a web application - GitHub** (https://github.com/topics/food-donation) This GitHub repository showcases a web application designed to connect donors with recipients for surplus food, aiming to reduce food waste.

General Information:

- **Food Donation Basics | US EPA** (https://www.epa.gov/recycle/donating-food) This webpage by the US Environmental Protection Agency provides a basic overview of food donation systems, including types of donors and recipients.