

# **WASTENOT : A CULINARY RESOUCCE MANAGEMENT AND DISTRIBUTION NETWORK**

**A PROJECT REPORT**

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**RAJALAKSHMI ENGINEERING COLLEGE**

**ANNA UNIVERSITY, CHENNAI**

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# **RAJALAKSHMI ENGINEERING COLLEGE, CHENNAI**

## **BONAFIDE CERTIFICATE**

Certified that this Thesis titled **“WASTENOT : A CULINARY RESOUCCE MANAGEMENT AND DISTRIBUTION NETWORK”** is the bonafide work of **“SUDHIR S (2116210701269), YAR ZAR MIN (2116210701318), TAMILSELVAN A P (2116210701283)”** who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

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## **ABSTRACT**

Despite the presence of surplus food resources in various sectors of society, including agriculture, retail, and hospitality, significant amounts of food still go to waste while many communities suffer from food insecurity. There is a lack of efficient mechanisms to connect surplus food producers with those in need within local communities, resulting in unnecessary waste and unmet food needs. This project addresses this problem by developing an application that streamlines the process of redistributing surplus food resources to deficient areas, promoting sustainable food practices. The project creates a website that connects local scrap and food shortages and encourages donations and signatures. Users collect spare parts matched by the smart system or send the products they want. Communication tools encourage collaboration, while volunteer opportunities increase community engagement. Reports and impact analysis to ensure efficiency. Strong privacy measures protect user data. The app aims to eliminate food waste and food insecurity and improve community leadership by encouraging collaboration and raising awareness.

## **ACKNOWLEDGMENT**

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# **CHAPTER 1**

## **INTRODUCTION**

Agriculture In a world where millions suffer from hunger while vast amounts of food are discarded daily, the "Wastenot" project is an innovative initiative designed to tackle this pressing issue by redistributing surplus food from restaurants, caterers, and households to NGOs and communities in need. This project aims to create a sustainable and efficient solution to bridge this gap. Utilizing modern web technologies, the platform facilitates seamless interaction among various stakeholders, ensuring that excess food is promptly and efficiently directed to those who can benefit from it. The system features user-friendly interfaces, real-time data management, and robust community engagement tools to streamline the process of food redistribution. This project fosters collaboration and promotes social responsibility, making it a crucial tool in the fight against food insecurity while also supporting environmental sustainability by reducing food waste. Through continuous improvement and potential future enhancements like mobile applications and AI-driven algorithms, the project aspires to expand its impact and effectiveness. Ultimately, "Recycling Lives" strives to create a more equitable and sustainable food system, bridging the gap between surplus and need, and enhancing the welfare of vulnerable populations.



## **1.1 PROBLEM STATEMENT**

Despite the presence of surplus food resources in various sectors of society, including agriculture, retail, and hospitality, significant amounts of food still go to waste while many communities suffer from food insecurity. There is a lack of efficient mechanisms to connect surplus food producers with those in need within local communities, resulting in unnecessary waste and unmet food needs. This project addresses this problem by developing an application that streamlines the process of redistributing surplus food resources to deficient areas, promoting sustainable food practices and alleviating food insecurity within communities

## **1.2 SCOPE OF THE WORK**

The project encompasses the development and deployment of a comprehensive web-based platform using HTML , CSS ND Javascript aimed at reducing food waste and addressing food insecurity. The primary focus is on facilitating the redistribution of surplus food from restaurants, caterers, and households to NGOs and communities in need. The platform will include essential features such as user registration and management, food listing and management, real-time notifications, and a robust communication system to connect donors and recipients effectively.

### **1.3 AIM AND OBJECTIVES OF THE PROJECT**

This project aims to develop a comprehensive and sustainable platform to tackle the critical issue of food waste by redirecting surplus food from restaurants, caterers, and households to NGOs and communities in need. The primary objectives are to minimize food waste, combat food insecurity, and support environmental sustainability. This is accomplished through a user-friendly web-based system that enables efficient and seamless interaction between donors and recipients, ensuring timely redistribution of excess food to those in need. Furthermore, the project seeks to cultivate social responsibility and community involvement by offering tools for effective communication, real-time notifications, and robust data management. By utilizing modern web technologies and continuously enhancing the platform with features like mobile applications and AI-driven matching algorithms, this project aspires to create a scalable and impactful solution that bridges the gap between food surplus and hunger, ultimately fostering a more equitable and sustainable food system.

## **1.4 RESOURCES**

This project has been developed through widespread secondary research of accredited manuscripts, standard papers, business journals, white papers, analysts' information, and conference reviews. Significant resources are required to achieve an efficacious completion of this project.

The following prospectus details a list of resources that will play a primary role in the successful execution of our project:

1. A properly functioning workstation (PC, laptop, net-books, etc.) to carry out desired development and manage the platform.
2. Unlimited internet access to facilitate continuous development, data collection, and real-time updates.
3. Access to food waste and redistribution datasets, including those provided by local government agencies, NGOs, and environmental organizations, containing information on food availability, demand, and distribution patterns.
4. Web development tools including frameworks like React or Angular for frontend development, and backend technologies such as Node.js or Django.
5. Firebase or another real-time database solution for efficient data storage, retrieval, and synchronization.
6. Flask or another web development environment to build and deploy the web application, ensuring it is accessible on all platforms.
7. Support from food waste management experts, social workers, and data scientists to validate the platform's functionality and improve its effectiveness.
8. Collaboration with local restaurants, caterers, households, and NGOs to test the application in real-world scenarios and gather feedback for iterative improvements.

## **1.5 MOTIVATION**

The motivation for this project arises from the urgent need to address food waste and its impact on food security and environmental sustainability. With millions of people worldwide facing hunger while significant amounts of food are discarded daily, it is crucial to create a system that efficiently redistributes surplus food to those in need. Food waste not only represents a missed opportunity to alleviate hunger but also contributes to environmental degradation through unnecessary waste. By developing a comprehensive platform that connects food donors, such as restaurants, caterers, and households, with NGOs and communities in need, this project aims to minimize food waste and support vulnerable populations. Leveraging modern web technologies, real-time data management, and community engagement tools, the project seeks to provide a scalable and efficient solution. This initiative promotes social responsibility, enhances community welfare, and contributes to a more sustainable and equitable food system, ultimately addressing both food insecurity and environmental challenges.

## **CHAPTER 2**

### **LITERATURE SURVEY**

A comprehensive study of the available literature presents a catalog of previous research addressing the issue of food waste reduction and community welfare support through technology. In [1], the authors demonstrate that predicting food supply chain inefficiencies can assist communities in managing food resources more effectively, thereby reducing waste. Paper [2] utilizes machine learning systems to optimize food distribution, resulting in increased efficiency and reduced spoilage. Additionally, [10] shows that enhanced food storage methods alone are insufficient to address the complexities of food waste, which can be exacerbated by improper inventory management. These issues can be mitigated by improving food distribution recommendations, as shown in [11], which establishes a quantifiable relationship between food supply variables and waste reduction. Paper [4] supports this by providing comprehensive measures to estimate the impact of supply chain optimizations on waste reduction.

Predicting food waste is challenging due to the variability in consumer behavior and supply chain disruptions. Different data mining techniques, as proposed in [3], can be applied to predict food waste more accurately. Laura J.T. Hess et al. in [5] state that food waste is more prevalent in regions with inefficient supply chains, leading to significant losses. In [7], the authors suggest a novel metric for 'supply chain health and quality,' including refinements in logistics management.

The objective of paper [8] is to examine the changes in food distribution patterns and their impact on waste due to long-term storage practices and environmental factors. Paper [13] predicts food waste as a function of supply chain disruptions, providing a summary of how various factors affect waste levels. This approach is superior to existing methods because it encompasses all regression procedures. Potnuru Sai

Nishant et al. in paper [6] predict food waste across various regions in India, using innovative criteria such as region, storage conditions, and distribution methods.

Paper [12] suggests the use of Transfer Learning techniques to create a pre-trained model for detecting patterns in food supply data, which can then be used to predict waste levels. In [14], supervised algorithms are employed to boost food distribution efficiency, reduce human labor, and optimize logistics based on specific parameters. Study [16] demonstrates the capabilities of a machine learning model to interpret and evaluate food waste data, which can be applied to long-term waste reduction strategies.

Paper [17] develops an interesting decision-based system using climatic, supply chain, and inventory data to improve food distribution decisions. Senthil Kumar Swami Durai et al. in [18] propose an integrated solution to pre-distribution activities, aimed at assisting small food suppliers in becoming more efficient and achieving high distribution rates at low costs. This study aids in the estimation of total distribution expenses and forward planning. M.S. Suchithra and Maya L. Pai propose solutions to food distribution problems using a rapid learning classification technique called an Extreme Learning Machine (ELM) with various activation functions in [19].

Food spoilage is one of the primary causes of waste. Paper [15] uses an IoT system to propose a food spoilage prediction model through data analysis and machine learning, addressing the challenges of incorporating new technology into traditional food distribution practices.

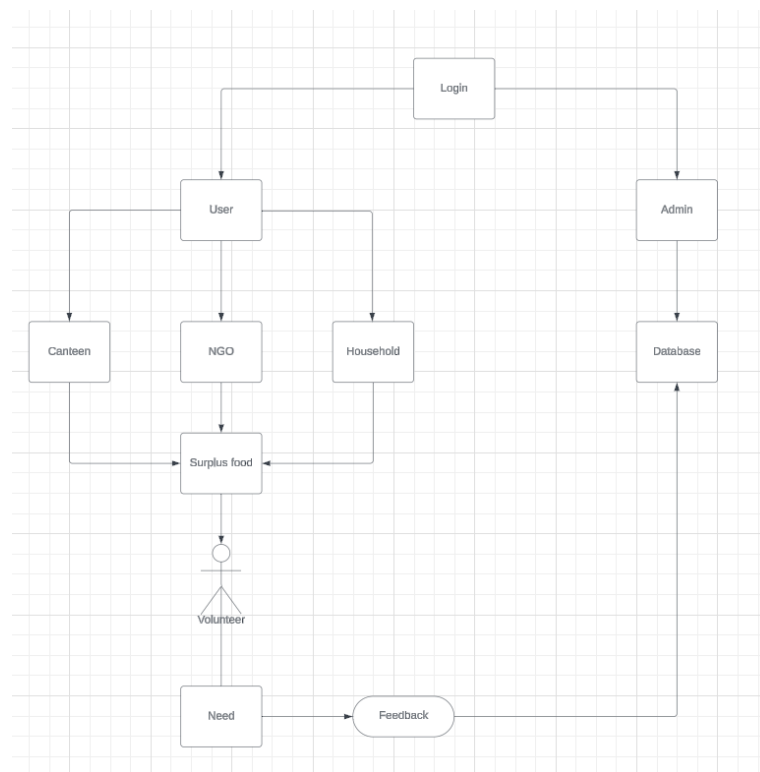
## CHAPTER 3

### SYSTEM DESIGN

#### 3.1 GENERAL

In this section, we would like to show the general outline of how all the components end up working when organized and arranged together. It is further represented in the form of a flow chart below.

#### 3.2 SYSTEM ARCHITECTURE DIAGRAM



**Fig 3.1: System Architecture**

### 3.3 DEVELOPMENTAL ENVIRONMENT

#### 3.3.1 HARDWARE REQUIREMENTS

The hardware requirements may serve as the basis for a contract for the system's implementation. It should therefore be a complete and consistent specification of the entire system. It is generally used by software engineers as the starting point for the system design.

COMPONENTS	SPECIFICATION
PROCESSOR	Intel Core i5
RAM	8 GB RAM
GPU	NVIDIA GeForce GTX 1650
MONITOR	15" COLOR
HARD DISK	512 GB
PROCESSOR SPEED	MINIMUM 1.1 GHz

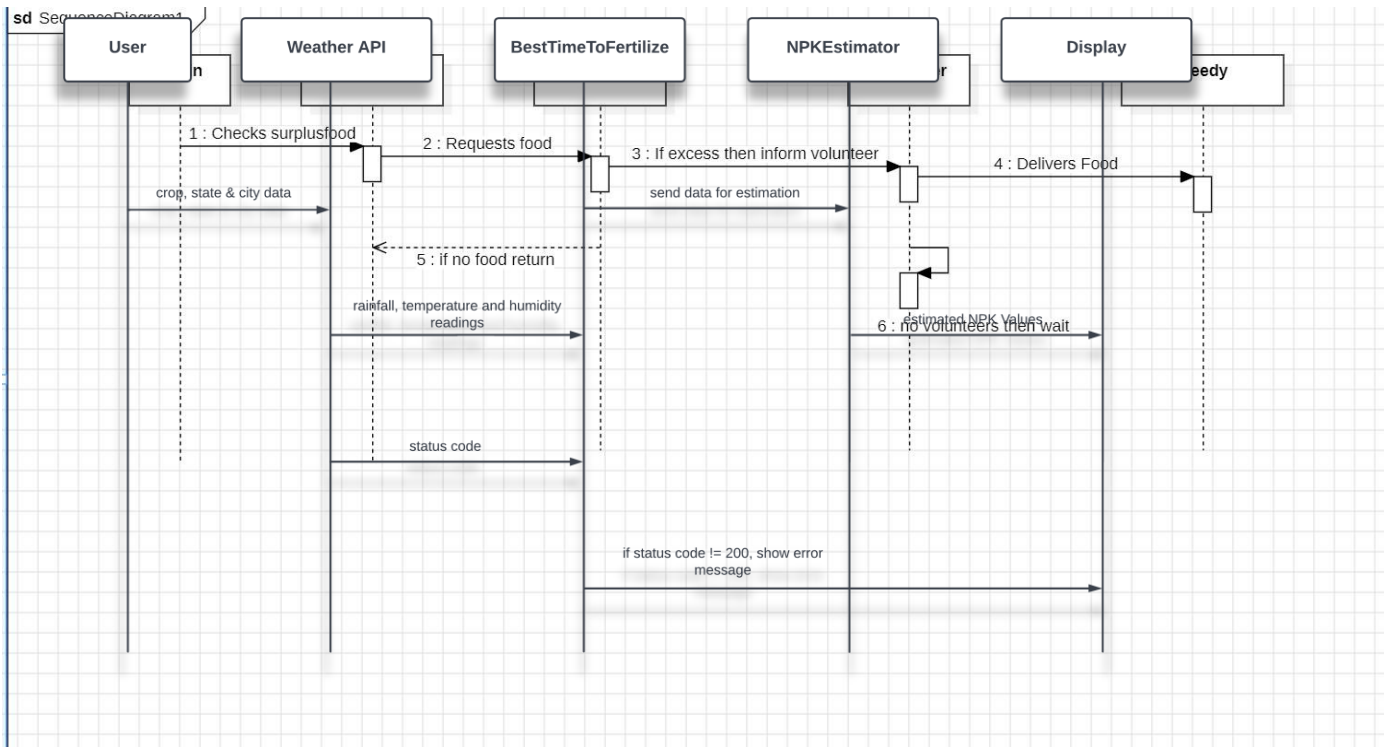
#### 3.3.2 SOFTWARE REQUIREMENTS

The software requirements document is the specifications of the system. It should include both a definition and a specification of requirements. It is a set of what the system should rather be doing than focus on how it should be done. The software requirements provide a basis for creating the software requirements specification. It is useful in estimating the cost, planning team activities, performing tasks, tracking the team, and tracking the team's progress throughout the development activity.

**Python IDLE**, and **chrome Visual Studio Code Jupyter Notebook** would all be required.



### 3.4 SEQUENCE DIAGRAM



**Fig 3.2: SEQUENCE DIAGRAM**

## **CHAPTER 4**

### **PROJECT DESCRIPTION**

#### **4.1 METHODOLOGY**

The project's methodology involves a structured approach, beginning with a thorough requirement analysis to define the necessary functionalities. This initial phase ensures a clear understanding of the project's goals and user needs. In the system design phase, a high-level architecture is created, the database is structured, and intuitive UI/UX designs are developed to enhance user experience. During the development phase, a responsive frontend is built using HTML, CSS, and JavaScript. Firebase is integrated for backend services, such as authentication and real-time database operations, ensuring secure and efficient data management. The development process adheres to best practices to deliver a robust and scalable system. Rigorous testing follows, encompassing unit testing, integration testing, and user acceptance testing (UAT). This comprehensive testing strategy ensures the system's reliability and functionality, identifying and resolving issues before deployment. Deployment is executed in stages, beginning with a staging environment for final validation. This step allows for thorough testing in a controlled setting, ensuring the system is ready for production. Once validated, the system is launched in the production environment. Post-deployment, continuous monitoring of the system's performance is conducted. Maintenance and support are provided to address any bugs and implement updates. This continuous improvement approach ensures the platform effectively combats food waste and supports community welfare, adapting to evolving user needs and technological advancements.

## **4.2 MODULE DESCRIPTION**

Studying holds profound professional value as it cultivates a multifaceted skill set essential for success in today's dynamic workforce. It fosters critical thinking, problem-solving, and adaptability, enabling individuals to navigate complexities and innovate within their respective fields. Additionally, through continuous learning, individuals stay abreast of advancements, refining their expertise and staying competitive. Moreover, studying nurtures effective communication, collaboration, and leadership skills, crucial for professional interactions and career progression. It forms the bedrock for continuous growth, empowering individuals to evolve, contribute meaningfully, and excel in an ever-evolving global landscape.

### **4.2.1 User Management Module**

The Authentication and Authorization module of the platform serves as a fundamental component, managing user registration, login functionalities, and implementing role-based access control tailored to distinct user categories including NGOs, restaurants, caterers, and households. Through this system, users can securely create accounts, log in, and access specific features and functionalities based on their designated roles, ensuring data privacy and security.

### **4.2.2 Food Listing Module**

This module empowers restaurants and caterers to list surplus food items with comprehensive details such as type, quantity, and availability. NGOs can seamlessly browse listings and submit requests for available food donations, facilitating efficient redistribution. This streamlined process promotes sustainability and ensures surplus food reaches those in need swiftly and effectively.

#### **4.2.3 Administrative Module**

This module empowers administrators with comprehensive tools to manage user accounts, monitor activities, and oversee content on the platform, ensuring smooth operation and adherence to guidelines. Additionally, Analytics and Reporting functionalities offer administrators insights into usage statistics and generate detailed reports on food donations and distributions, enabling informed decision-making and strategic planning for the platform's growth and impact.

#### **4.2.4 Real Time Data Integration Module**

This module utilizes Firebase for storing and retrieving crucial data such as user profiles, food listings, and transaction history. Additionally, it ensures seamless real-time updates and notifications to keep users informed about changes in listings and status updates, enhancing user experience and platform efficiency.

#### **4.2.5 Communication Module**

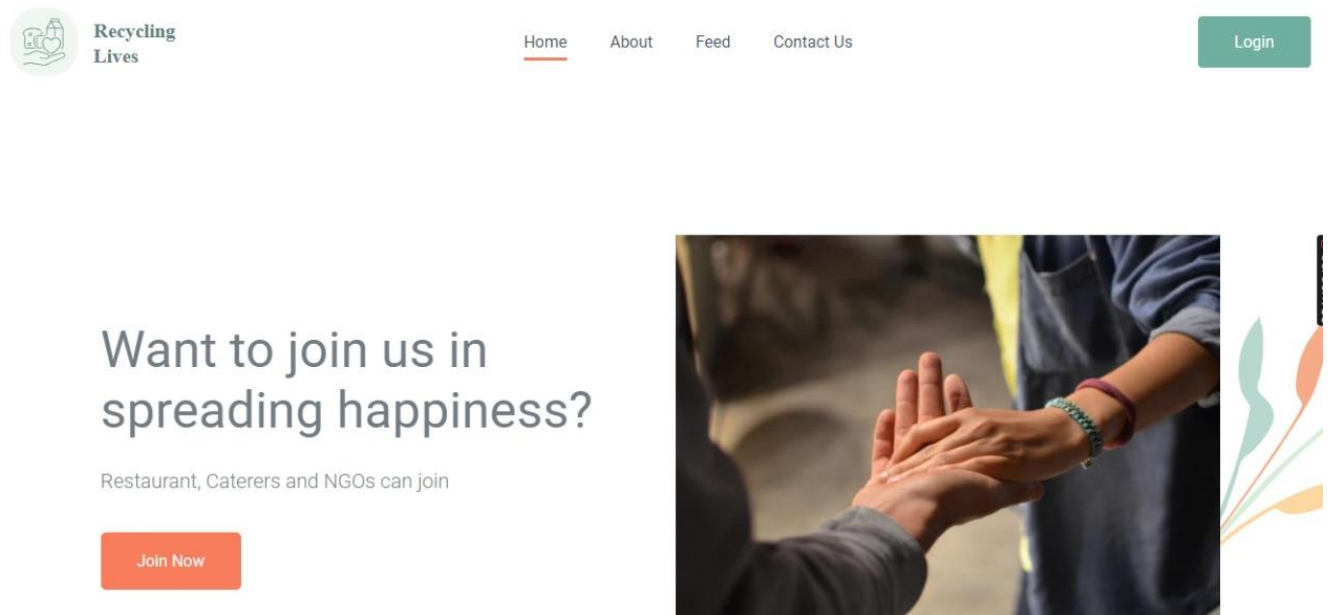
This module plays a pivotal role in fostering seamless interaction and collaboration among stakeholders within the platform. The Messaging System serves as a vital communication tool, enabling direct and efficient communication between food donors, such as restaurants and caterers, and recipients, namely NGOs. This feature facilitates timely coordination and ensures that surplus food donations are effectively matched with the needs of recipient organizations. Complementing this, the Notification System enhances user engagement by sending alerts and reminders regarding food availability and requests. Through real-time notifications, users stay informed about new food listings, incoming requests, and other important updates, promoting swift response and efficient coordination.

## CHAPTER 5

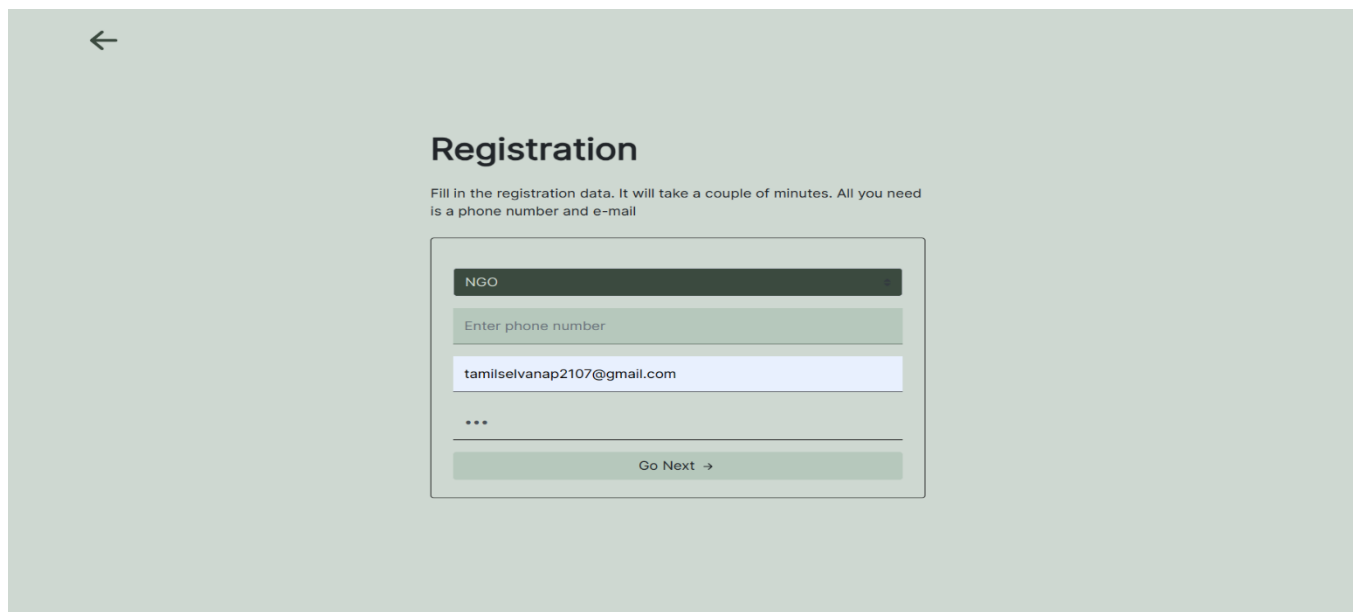
### RESULTS AND DISCUSSIONS

#### 5.1 OUTPUT

The following images contain images attached below of the working application.



**Fig 5.1: Homepage**



←

## Registration

Fill in the registration data. It will take a couple of minutes. All you need is a phone number and e-mail

NGO

Enter phone number

tamilselvanap2107@gmail.com

...

Go Next →

**Fig 5.2 Login Page**

Go back
Create Post

**Quantity**  
5 Dishes  
**Hygine Level**  
3  
**Cooked time**  
11:59  
**Address**  
DA-IICT

**Type of food**  
Rice  
**Expiry time**  
11  
**Remark**  
Fresh

**Restaurant Number**  
7486806981  
**Accepted NGO No**  
undefined

**Bhavani Canteen**

**Quantity**  
undefined Dishes  
**Hygine Level**  
**Restaurant**

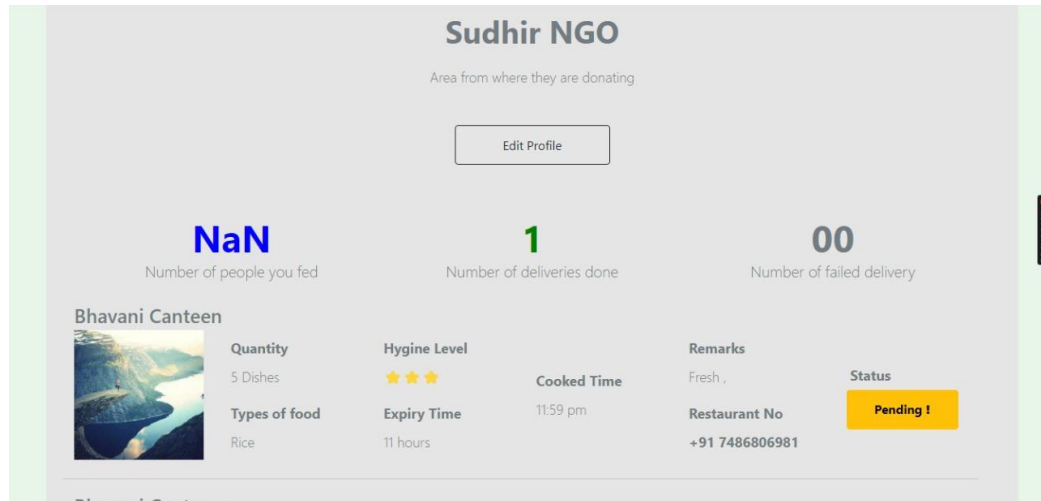
**Type of food**  
undefined

**undefined**

**Fig 5.3 Available Page**

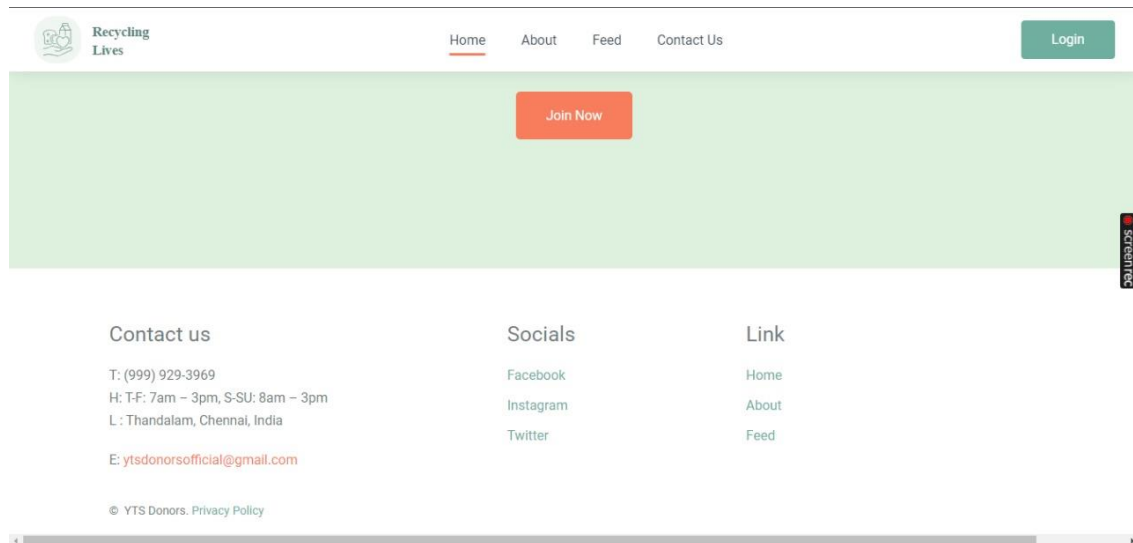
<div> <div> </div> <div> <b>Bhavani Canteen</b> </div> </div>					
Quantity	5 Dishes	Hygine Level	★★★★	Cooked Time	11:59 pm
Types of food	Rice	Expiry Time	11 hours	Remarks	Fresh ,
				Restaurant No	+91 7486806981
				Status	Pending !
<div> <div> </div> <div> <b>Bhavani Canteen</b> </div> </div>					
Quantity	undefined Dishes	Hygine Level	★★★★★	Cooked Time	undefined pm
Types of food	undefined	Expiry Time	undefined hours	Remarks	undefined,
				Restaurant No	+91 7486806981
				Status	Accepted ✓
<div> <div> </div> <div> <b>Anushka Mandrawliya</b> </div> </div>					
Quantity	3 Dishes	Hygine Level	★★★★★	Cooked Time	23:55 pm
Types of food		Expiry Time		Remarks	default,
				Restaurant No	
				Status	Pending !

**Fig 5.4 Status Report**



**Fig 5.5 Accepted Status**





**Fig 5.6 Contact and Feedback page**

## **5.2 RESULT**

The food redistribution platform successfully tackled the challenge of food waste and insecurity by providing a streamlined and effective solution for surplus food management. Leveraging machine learning technology, the platform analyzed donation data, demand patterns, and real-time updates to optimize food redistribution strategies. By employing algorithms like collaborative filtering and clustering, the system accurately matched donors with recipients, ensuring timely delivery and minimizing food waste. The web application, developed using Flask, offered a user-friendly interface where donors could list available food items, and recipients could request and track deliveries. Evaluation metrics such as donation accuracy, delivery time, and recipient satisfaction demonstrated the platform's effectiveness in reducing food waste and addressing community needs. Furthermore, the integration with geolocation services enabled efficient routing and delivery coordination, enhancing the overall efficiency and impact of the platform.

## **CHAPTER 6**

### **CONCLUSION AND FUTURE ENHANCEMENT**

#### **6.1 CONCLUSION**

In conclusion, the project aims to create a transformative platform that effectively addresses the critical issue of food waste while supporting community welfare. By leveraging modern web technologies, including responsive design, real-time database integration, and dynamic user interfaces, the system ensures seamless interaction between restaurants, caterers, NGOs, and households. The comprehensive methodology, from requirement analysis to continuous improvement, guarantees that the platform is both user-friendly and robust. With its focus on facilitating efficient food redistribution, fostering community engagement, and promoting sustainability, "Recycling Lives" not only helps in reducing food waste but also plays a significant role in enhancing the lives of those in need, thereby making a substantial impact on society.

#### **FUTURE ENHANCEMENT**

Looking ahead this project could include developing a mobile application for greater accessibility, implementing AI-driven matching algorithms to optimize food redistribution, and introducing new user roles such as volunteers and drivers. Enhanced analytics dashboards, gamification elements, and integration with local services could further improve user engagement and operational efficiency. Additional features like multilingual support, sustainability metrics, community forums, blockchain for transparency, and automated inventory management would broaden the platform's capabilities. Partnerships with delivery services and organizing virtual and physical events could also enhance community involvement and awareness. These enhancements aim to expand the platform's reach and effectiveness, making it a more powerful tool in combating food waste and hunger.

## APPENDIX

### SOURCE CODE:

#### Index.html

```
<!DOCTYPE html>
```

```
<html class="wide wow-animation" lang="en">
```

```
<head>
```

```
<title>Recycling Lives</title>
```

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

```
<meta name="viewport" content="width=device-width,  
height=device-height, initial-scale=1.0">
```

```
<meta http-equiv="X-UA-Compatible"  
content="IE=edge">
```

```
<link rel="icon" href="images/logoicon.svg"  
type="image/x-icon">
```

```
<link rel="stylesheet" type="text/css"  
href="//fonts.googleapis.com/css2?family=DM+Serif+Display  
&family=Roboto:wght@300;400;700&display=swa  
p">
```

<!-- Website Icon -->

<link rel="shortcut icon" href="images/logoicon.svg">

<!-- Bootstrap CSS -->

<link  
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">

<script  
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>

<script  
src="https://ajax.googleapis.com/ajax/libs/jquery/2.1.1/jquery.min.js"></script>

<link rel="stylesheet" href="css/homepage.css">

</head>

<body>

<header class="section page-header">

<!--Navbar-->

<div class="rd-navbar-wrap">

<nav class="rd-navbar rd-navbar-classic" data-  
layout="rd-navbar-fixed" data-sm-layout="rd-navbar-fixed"  
data-md-layout="rd-navbar-fixed" data-lg-layout="rd-navbar-  
static" data-xl-layout="rd-navbar-static" data-xxl-layout="rd-  
navbar-static" data-md-device-layout="rd-navbar-fixed" data-  
lg-device-layout="rd-navbar-static" data-xl-device-  
layout="rd-navbar-static" data-xxl-device-layout="rd-navbar-  
static" data-lg-stick-up-offset="46px" data-xl-stick-up-  
offset="46px" data-xxl-stick-up-offset="46px" data-lg-stick-  
up="true" data-xl-stick-up="true" data-xxl-stick-up="true">

<div class="rd-navbar-collapse-toggle rd-navbar-  
fixed-element-1" data-rd-navbar-toggle=".rd-navbar-  
collapse"><span></span></div>

<div class="rd-navbar-main-outer">

```

<div class="rd-navbar-main">

  <!--Navbar Panel-->

  <div class="rd-navbar-panel">

    <!--Navbar Toggle-->

    <button class="rd-navbar-toggle" data-rd-navbar-
toggle=".rd-navbar-nav-wrap"><span></span></button>

    <!--Navbar Brand-->

    <div class="rd-navbar-brand">

      <!--Brand--><a class="brand"
href="index.html"></a>

    </div>

  </div>

  <div class="rd-navbar-main-element">

    <div class="rd-navbar-nav-wrap">

```

```

        <ul class="rd-navbar-nav">

            <li class="rd-nav-item active"><a class="rd-
nav-link" href="index.html">Home</a>

            </li>

            <li class="rd-nav-item"><a class="rd-nav-link"
href="about.html">About</a>

            </li>

            <li class="rd-nav-item"><a class="rd-nav-link"
href="feed.html">Feed</a>

            </li>

            <li class="rd-nav-item"><a class="rd-nav-link"
href="#footer">Contact Us</a>

            </li>

        </ul>

    </div>

</div>

<div id="uStatus" class='menu-list-item btn-

```



```
group'></div>
```

```
<script>
```

```
if(sessionStorage.getItem("username")){
```

```
    if(sessionStorage.getItem("role")==="NGO"){
```

```
document.getElementById("uStatus").innerHTML = '<div  
class="rd-navbar-aside"><button class="rd-navbar-btn btn  
btn-secondary"><a href="NGO.html"  
style="color:white;">My Profile</a></button></div><div  
class="px-4 rd-navbar-aside"><button class="rd-navbar-btn  
btn btn-primary"><a href="logout.html"  
style="color:white;">Logout</a></button></div>';
```

```
    }else{
```

```
document.getElementById("uStatus").innerHTML = '<div  
class="rd-navbar-aside"><button class="rd-navbar-btn btn  
btn-secondary"><a href="RestaurantCaterer.html"  
style="color:white;">My Profile</a></button></div><div  
class="px-4 rd-navbar-aside"><button class="rd-navbar-btn  
btn btn-primary"><a href="logout.html"
```

```
style="color:white;">Logout</a></button></div>';
```

```
}
```

```
}else{
```

```
document.getElementById("uStatus").innerHTML = '<div
```

```
class="rd-navbar-aside rd-navbar-collapse"><button
```

```
class="rd-navbar-btn btn btn-secondary" data-bs-
```

```
toggle="modal" data-bs-
```

```
target="#modal">Login</button></div>';
```

```
}
```

```
</script>
```

```
</div>
```

```
</div>
```

```
</nav>
```

```
</div>
```

```
</header>
```

```
<!-- Join Us -->
```

```
<section class="section section-lg bg-default">
```

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

```
<div class="row row-30 align-items-center flex-md-  
row-reverse">
```

```
<div class="col-md-6">
```

```
<div class="layout layout-1">
```

```
</div>
```

```
</div>
```

```
<div class="col-md-6">
```

```
<div class="pe-xl-5">
```

```
<h1 class="wow fadeInLeft">Want to join us in  
spreading happiness?</h1>
```

```
<div class="big wow fadeInLeft">Restaurant,
```

Caterers , houses and NGOs can join</div>

```
<!-- <a class="btn btn-sm btn-secondary"
href="registration.html"><span>Register</span></a> -->
```

```
<a class="btn btn-lg btn-primary wow fadeInLeft"
href="registration.html"><span>Join Now</span></a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</section>
```

```
<!-- Be the reason -->
```

```
<section class="section section-lg bg-secondary-lightest">
```

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

```
<div class="row row-30 align-items-center">
```

```
<div class="col-md-6">
```

```
<div class="layout layout-2">
```

```
</div>
```

```
</div>
```

```
<div class="col-md-6">
```

```
<div class="ps-xl-5">
```

```
<h2 class="wow fadeInRight">Be the reason <br>  
someone smiles today!</h2>
```

```
<a class="btn btn-lg btn-primary wow fadeInLeft"  
href="registration.html"><span>Join Now</span></a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</section>
```

```
<!-- Your contribution matters -->
```

```
<section class="section section-lg text-center bg-secondary-  
light-1">
```

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

```
<div class="layout layout-3">
```

```
<div class="row justify-content-center">
```

```
<div class="col-md-10 col-lg-8 col-xl-6">
```

```
<h2 class="wow fadeIn">Your contribution  
matters</h2>
```

```
<div class="big wow fadeIn" data-wow-  
delay=".1s">Even the smallest contributions matter!</div>
```

```
<a class="btn btn-lg btn-primary wow fadeInLeft"  
href="registration.html"><span>Join Now</span></a>
```

```
</div>
```

</div>

</div>

</div>

</section>

<!-- Login -->

<div class="modal fade" id="modal">

<div class="modal-dialog modal-dialog-centered">

<div class="modal-content" style="background-image:url(../images/background-item.png)">

<div class="modal-header">

<h4 class="modal-title">Login</h4>

<button class="btn-close" type="button" data-bs-dismiss="modal" aria-label="Close"></button>

</div>

<div class="modal-body">

```

<div class="row row-20">

  <div class="col-sm-12">

    <div class="form-wrap">

      <select class="form-control form-input shadow-
none" name="" id="role">

        <option class="form-label" value="" disabled
selected>Who are you?</option>

        <option class="form-label"
value="NGO">NGO</option>

        <option class="form-label"
value="Restaurant">Restaurant</option>

        <option class="form-label"
value="Caterer">Caterer</option>

      </select>

    </div>

  </div>

  <div class="col-sm-12">

```



```
<div class="form-wrap">

  <input class="form-input" id="email"
type="email" name="email" data-constraints="@Required
@Email" placeholder="Email" pattern="^[^\s]+@[^\s]+"
title="Invalid email address" required>
```

```
</div>
```

```
</div>
```

```
<div class="col-sm-12">
```

```
  <div class="form-wrap">

    <input class="form-input" type="password"
value="" id="pwd" data-constraints="@Required @Numeric"
placeholder="Password" required>
```

```
  </div>
```

```
</div>
```

```
</div>
```

```
<div class="form-button btn-group-1">
```

```
  <button class="btn btn-sm btn-primary"
type="submit" id="signin">Login</button><small>Not
```

```
registered?</small><a class="btn btn-sm btn-secondary"
href="registration.html"></span><span>Register</span></a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<footer class="section footer-classic small" id="footer">
```

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

```
<div class="row row-30">
```

```
<div class="col-xs-7 col-md-5">
```

```
<h4 class="footer-title">Contact us</h4>
```

```
<ul class="list">
```

```
<li>T: <a class="link-inherit" href="tel:#">(999)
```

```
999-9999</a>
```