A

Project Report

On

“Paper WasteOrganizer”

Submitted By,

Mr. Onkar Kiran Wadkar

MCA-I SEM-II, DIV-‘C’

Roll No: 23367

Under The Guidance Of

Mrs. Punam Chaudhari

For the Academic Year 2023-24

Sinhgad Institutes

SUBMITTED TO,

Sinhgad Technical Education Society’s

Sinhgad Institute of Management

Vadgaon Bk Pune 411041

(Affiliated to SPPU Pune & Approved by AICTE New Delhi)

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M.E. (ELECT.), MIE, MBA	B.A., MPM, Ph.D	MCA, ME, (Com. Sci.), Ph.D
FOUNDER PRESIDENT	FOUNDER SECRETARY	DIRECTOR - MCA

Date:

CERTIFICATE

This is to certify that Mr. Onkar Kiran Wadkar has successfully completed his project work entitled **"Paper WasteOrganizer"** in partial fulfillment of MCA – I SEM –II Mini Project for the year 2023-2024. He has worked under our guidance and direction.

Mrs. Punam Chaudhari
Project Guide

Dr. Chandrani Singh
Director, SIOM-MCA

Examiner 1

Examiner 2

Date:

Place: Pune

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DECLARATION

- I certify that the work contained in this report is original and hasbeen done by me under the guidance of my guide.
- The work has not been submitted to any other Institute for any degree or diploma.
- I have followed the guidelines provided by the Institute in preparing the report.
- I have conformed to the norms and guidelines given in the Ethical Code of Conduct of the Institute.
- Whenever I have used materials (data, theoretical analysis, figures, and text) from other sources, I have given due credit to them by citing them in the text of the report and giving their details in the references.

Name and Signature of Project Team Members:

Sr. No.	Seat No.	Name of students	Signature of students
1	23367	**Onkar Kiran Wadkar**	

ACKNOWLEDGEMENT

It is very difficult task to acknowledge all those who have been of tremendous help in this project. I would like to thank my respected guide **Mrs Punam Chaudhari** for providing me necessary facilities to complete my project and also for their guidance and encouragement in completing my project successfully without which it wouldn't be possible. I wish to convey my special thanks and immeasurable feelings of gratitude towards **Dr. Chandrani Singh, Director, SIOM-MCA.** I wish to convey my special thanks to all teaching and non-teaching staff members of **Sinhgad Institute of Management, Pune** for their support.

Thank You
Yours Sincerely,
Onkar Kiran Wadkar

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Chapter 1: Introduction

The Paper Waste Management System addresses the ecological challenges posed by discarded newspapers through a strategic and environmentally conscious approach. It encompasses a multifaceted process involving the systematic collection, segregation, and recycling of newspapers. Implementation begins with establishing designated collection points, encouraging community participation through awareness campaigns, and fostering responsible disposal habits. Collected newspapers undergo segregation, ensuring that recyclable materials are separated from non-recyclables. Recycling facilities then process these newspapers, converting them into reusable materials like paper pulp. This not only diverts significant waste from landfills but also conserves natural resources and reduces the overall environmental footprint associated with paper production. The Newspaper Waste Management System is a crucial initiative promoting sustainable practices, aligning with global environmental objectives, and inspiring a collective commitment to a cleaner, more eco-friendly future.

1.2. Existing System and Need for System

Existing System:

The existing Newspaper Waste Management System involves conventional methods such as curbside collection and disposal in landfills. While some regions have implemented recycling initiatives, many lack structured programs for efficient segregation and recycling of newspapers. Limited public awareness and participation contribute to challenges in the current system. Additionally, the absence of centralized collection points hampers the optimization of recycling processes. To enhance sustainability, there is a need for more robust and organized systems, incorporating advanced technologies for efficient collection, segregation, and recycling of newspaper waste on a broader scale.

Need for System:

The need for an advanced Newspaper Waste Management System is paramount in addressing the escalating environmental concerns associated with paper waste. The traditional methods of disposal contribute significantly to overflowing landfills and depletion of natural resources. The urgent call for sustainability and eco-conscious practices necessitates a systematic approach to newspaper waste. A well-structured system would not only alleviate the burden on landfills but also promote the efficient recycling of newspapers, conserving forests and reducing the energy-intensive process of paper production.

Moreover, the Newspaper Waste Management System is crucial in mitigating pollution risks. Improper disposal of newspapers can result in air and water pollution through the release of harmful chemicals during decomposition. By implementing a streamlined waste management system, we can curtail these environmental hazards and contribute to cleaner air and water.

Additionally, the system fosters a sense of environmental responsibility among the public. Through awareness campaigns and accessible collection points, individuals are empowered to actively participate in sustainable practices. This collective effort helps build a greener mindset, fostering a community-driven commitment to waste reduction and resource conservation.

In the context of global efforts to combat climate change, the Newspaper Waste Management

System emerges as a fundamental component in promoting a circular economy, where materials are reused, recycled, and repurposed, aligning with the broader agenda of achieving a more sustainable and more resilient planet

1.3 Scope of System

Paper Waste Reporting and Management: The system will enable users to report paper waste generation and manage waste disposal efficiently. This includes features for reporting paper waste volumes, requesting waste collection services, and tracking waste management activities.

Recycling Initiatives: The system will support recycling initiatives by providing information on recycling centers, collection points, and recycling guidelines. Users can access resources to promote paper waste recycling and contribute to environmental sustainability.

Reporting and Analytics: The system will offer reporting and analytics capabilities to track paper waste management metrics and gain insights into recycling efforts. Reports may include metrics such as waste generation rates, recycling rates, and environmental impact assessment**s.**

User Management: The system will support user management functionalities for users, administrators, and companies involved in paper waste management. This includes features for user registration, authentication, and role-based access control to ensure data security and privacy.

Overall, the paper waste management system aims to streamline waste reporting and recycling efforts, providing a centralized platform for users to report paper waste, access recycling resources, and contribute to sustainable waste management practices.

1.4 Operating Environment-Hardware and

Software:Hardware Requirement:

Micro Processor	Intel CORE i5 Processor or above
Random Access Memory	4 GB RAM.
Hard Disk Drive	500 GB Hard Disk
Keyboard	104 KEYS Keyboard
Mouse	Optical Mouse

Software Requirement:

Operating System	64 bit Operating System (Windows 10 recommended)
Front End Development Tool	HTML,CSS
Back End Development Tool	PHP
Database	MYSQL
Web Server	Xampp
Browser	Internet, Firefox, Chrome Google

1.5 Brief Description of Technology used :

PHP:

PHP is a server-side scripting language designed for web development, offering powerful features for creating dynamic and interactive websites and web applications. Its syntax is similar to C and Perl, making it relatively easy to learn for programmers familiar with those languages. PHP code is embedded within HTML, allowing developers to mix dynamic content generation with static web page elements seamlessly.

One of PHP's key strengths is its extensive support for interacting with databases, particularly MySQL, a popular open-source relational database management system. PHP enables developers to connect to MySQL databases, execute SQL queries, and retrieve or manipulate data, making it well-suited for building database-driven web applications like Paper WasteOrganizer

PHP is also highly flexible and scalable, with a vast ecosystem of libraries, frameworks, and extensions available to extend its functionality. Additionally, PHP supports various web servers, operating systems, and platforms, offering cross-platform compatibility and deployment flexibility.

For Paper WasteOrganizer, PHP serves as the backbone of the server-side logic, handling tasks such as user authentication, data processing, and interaction with the MySQL database. Its versatility and robustness make it an ideal choice for implementing the business logic and functionality required by the recruitment management system.

MySQL :

MySQL, on the other hand, is an open-source relational database management system. It utilizes Structured Query Language (SQL) for managing and manipulating relational databases. MySQL is renowned for its reliability, performance, and ease of use. It provides a robust platform for storing, retrieving, and managing data in a structured manner. MySQL is widely adopted in various applications and websites, serving as a backend database to support dynamic content generation, user authentication, and data storage. Its open-source nature encourages community contributions and continuous improvement, making MySQL a popular choice for developers seeking a reliable and scalable database solution for their applications.

Together, PHP and MySQL form a powerful combination for developing scalable, feature-rich web applications like Paper WasteOrganizer, empowering organizations to streamline their recruitment processes and manage candidate interactions effectively. Their widespread adoption, extensive community support, and continuous development make them essential technologies for modern web development projects.

Chapter 2: PROPOSED SYSTEM

The proposed Newspaper Waste Management System envisions a comprehensive and technologically advanced approach to tackle the challenges of newspaper waste. It includes the implementation of smart collection points equipped with sensors for efficient and automated newspaper collection. Segregation technologies would be employed to ensure effective separation of recyclable and non-recyclable materials. A centralized processing facility would utilize state-of-the-art recycling methods to convert collected newspapers into reusable materials. Public participation would be encouraged through educational campaigns and user-friendly interfaces for convenient disposal. The system also incorporates data analytics to monitor and optimize collection routes, enhancing overall efficiency. Blockchain technology could be introduced to ensure transparency and traceability throughout the recycling process. By leveraging innovation, community engagement, and sustainable practices, the proposed system aims to significantly reduce the environmental footprint of newspaper waste, promoting a circular economy and fostering a greener, more environmentally conscious society.

2.1 Feasibility Study

2.1.1 Technical Feasibility

Technical feasibility for Paper WasteOrganizer evaluates whether the proposed recruitment platform can be effectively developed and deployed from a technical standpoint. It involves assessing the availability of necessary technology, infrastructure, and expertise to build and maintain the system. Key aspects include:

- **Technology Stack:** Analyzing the chosen technology stack (hardware, software, databases, development tools) to ensure compatibility with project requirements and scalability needs.
- **Integration Capability:** Assessing ability to integrate with existing systems like HR management software, authentication systems, and third-party tools.
- **Scalability:** Ensuring the platform can handle potential growth in users, job listings, and data volume without compromising performance.
- **Security Measures:** Implementing robust security measures to safeguard recruiter and candidate data, prevent breaches, and comply with data protection regulations.
- **Data Backup and Recovery:** Developing strategies for data backup and disaster recovery to minimize data loss and ensure system uptime.
- **Performance Testing:** Conducting load testing and performance benchmarking to identify and address any performance bottlenecks or issues.

2.1.2 Economic Feasibility

Economic feasibility for examines the financial aspects of developing, implementing, and maintaining the platform. Key components include:

- **Cost Estimation:** Analyzing development, implementation, and maintenance costs, including hardware, software, personnel, training, and ongoing support.
- **Return on Investment (ROI):** Evaluating potential cost savings, efficiency improvements, and enhanced recruitment outcomes resulting from the platform's implementation.
- **Cost-Benefit Analysis:** Comparing anticipated benefits such as reduced recruitment time and improved candidate quality against project costs to determine cost-effectiveness.
- **Payback Period:** Calculating the time required for the project to recoup its initial investment through cost savings or revenue generation.
- **Alternative Solutions:** Assessing whether alternative solutions, such as outsourcing

recruitment or existing recruitment platform, offer a more economically viable option.

2.1.3 Operational Feasibility

Operational feasibility for Paper WasteOrganizer evaluates the platform's ability to integrate seamlessly into recruiters' daily operations. Key considerations include:

- **User Acceptance:** Assessing recruiters' willingness to adopt the platform and addressing any resistance to change through training and support.
- **Organizational Alignment:** Ensuring Paper WasteOrganizer aligns with recruiters' strategic objectives, recruitment goals, and workflows to enhance, not disrupt, existing processes.
- **Training and Support:** Providing comprehensive training programs and support mechanisms to help recruiters effectively utilize the platform and address any issues.
- **Change Management:** Implementing change management strategies to facilitate a smooth transition from existing recruitment methods to Paper WasteOrganizer
- **Scalability to User Needs:** Ensuring the platform can accommodate the diverse needs of recruiters and candidates while maintaining usability and performance.

A thorough feasibility study covering technical, economic, and operational aspects provides valuable insights for stakeholders, enabling them to make informed decisions about implementing Paper WasteOrganizer. It ensures the platform meets technical requirements, aligns with organizational objectives, and delivers a positive return on investment.

2.2 Objectives of Proposed System

The scope of the Newspaper Waste Management System encompasses the comprehensive management of discarded newspapers from collection to recycling, aiming to mitigate environmental impact. Its primary objective is to establish an efficient and sustainable framework for handling newspaper waste. The system seeks to reduce the burden on landfills by promoting proper disposal methods and encouraging widespread recycling. Additionally, it aims to conserve valuable natural resources, such as forests, by facilitating the reuse of paper through recycling processes. The system also intends to address pollution concerns associated with improper disposal, contributing to cleaner air and water. Through the integration of advanced technologies and community engagement initiatives, the scope extends to creating a holistic approach that fosters environmental consciousness and responsible waste management practices, ultimately promoting a greener and more sustainable future.

2.3 Users of the system

Users:

- Users are individuals or organizations involved in the paper waste management process. They interact with the system to report paper waste generation, request waste collection services, and access information regarding recycling initiatives.
- Users may include residents, businesses, educational institutions, or any entity generating paper waste that requires proper disposal or recycling.

Admin:

- The admin user oversees the overall management and operation of the paper waste management system. They have administrative privileges to configure system settings, manage user accounts, monitor system activity, and generate reports.
- Admins ensure the smooth functioning of the system, address any technical issues, and implement policies to promote efficient waste management practices.

Company:

- Companies or organizations are entities responsible for managing paper waste collection, recycling, and disposal services. They utilize the system to coordinate waste collection schedules, allocate resources, and track recycling efforts.
- Companies may include waste management firms, recycling facilities, or municipal authorities tasked with managing paper waste within a specific jurisdiction.

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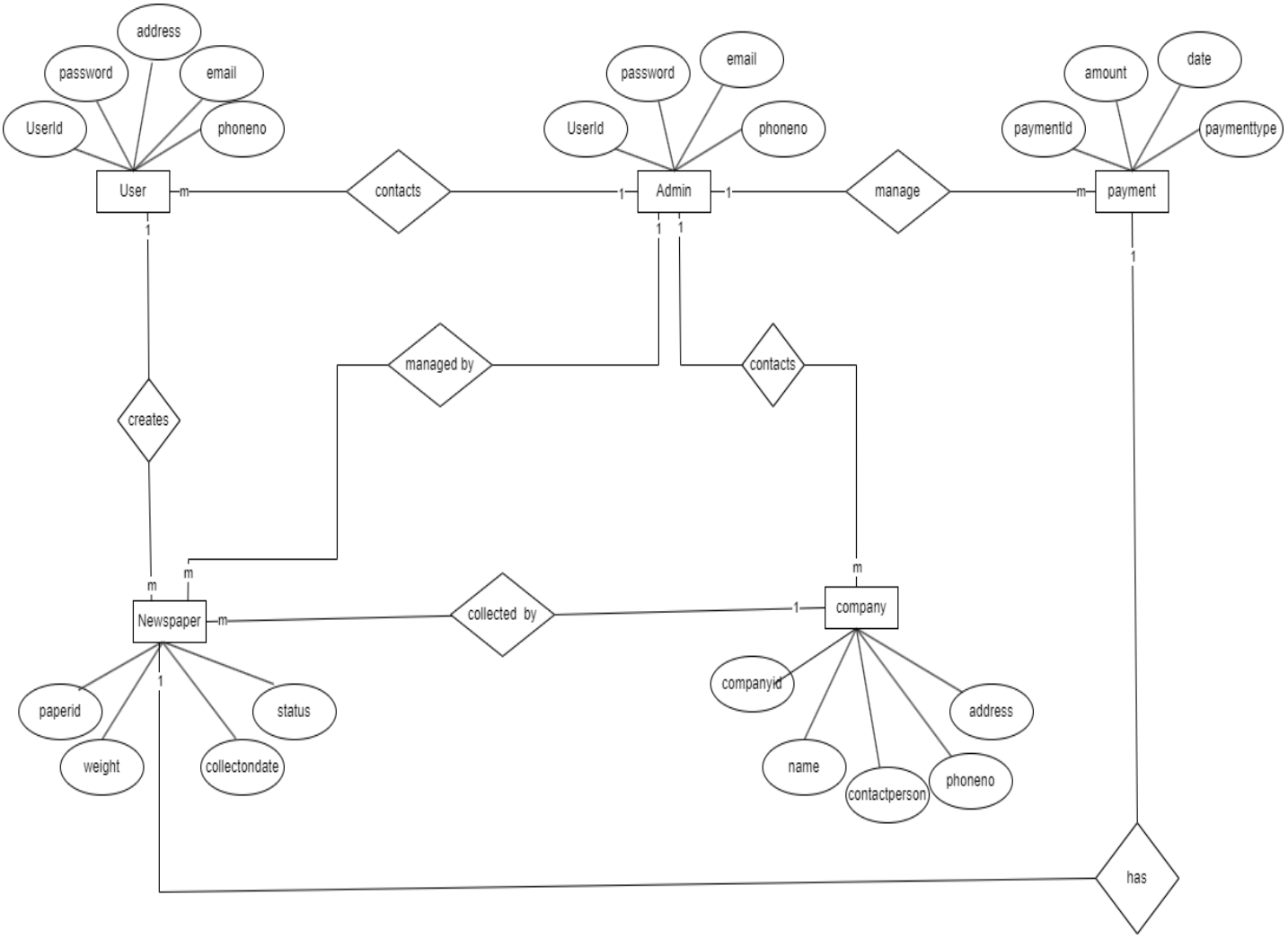
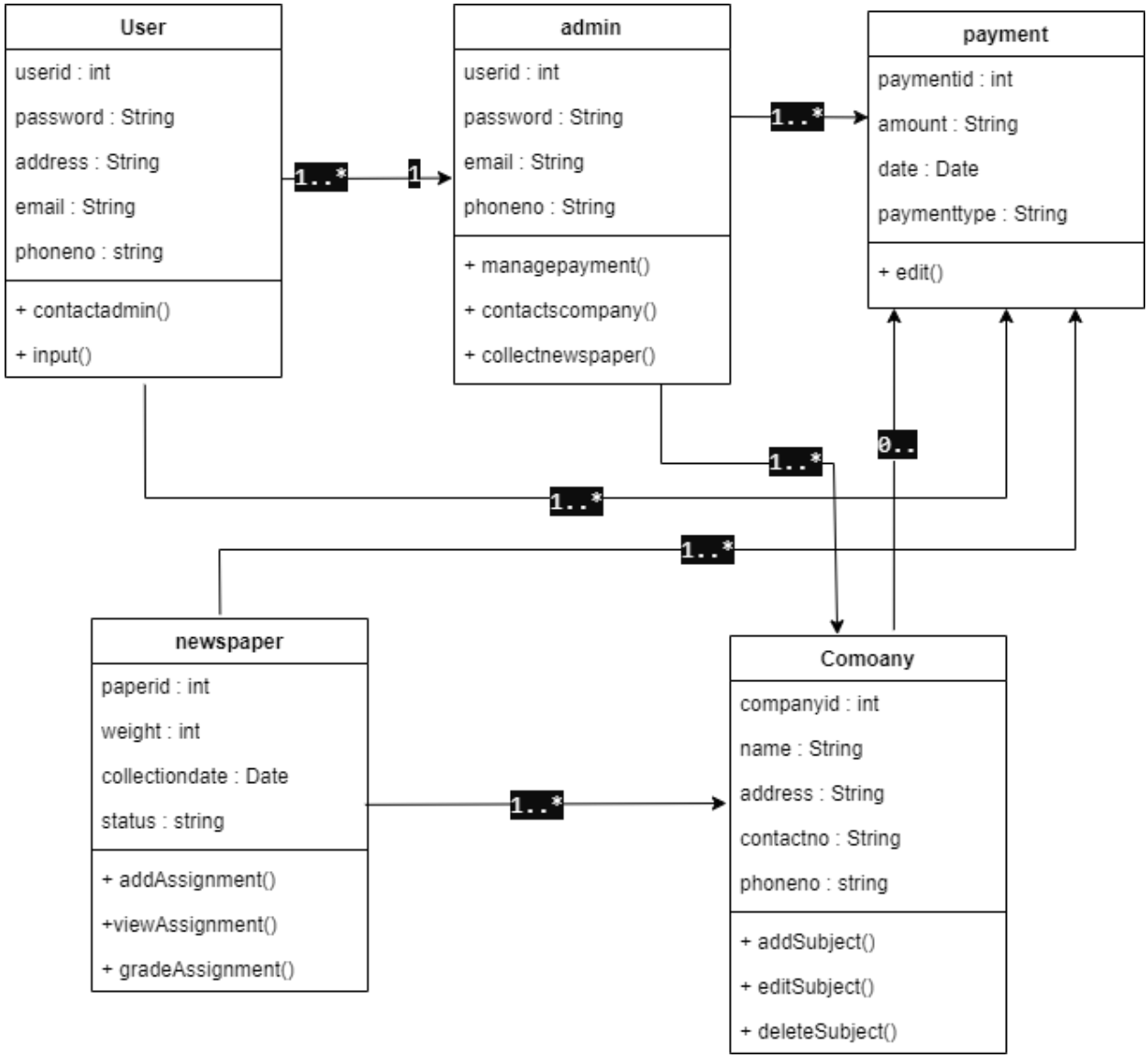
These user roles collaborate within the paper waste management system to streamline waste collection processes, promote recycling initiatives, and minimize environmental impact.

Chapter 3: ANALYSIS AND DESIGN

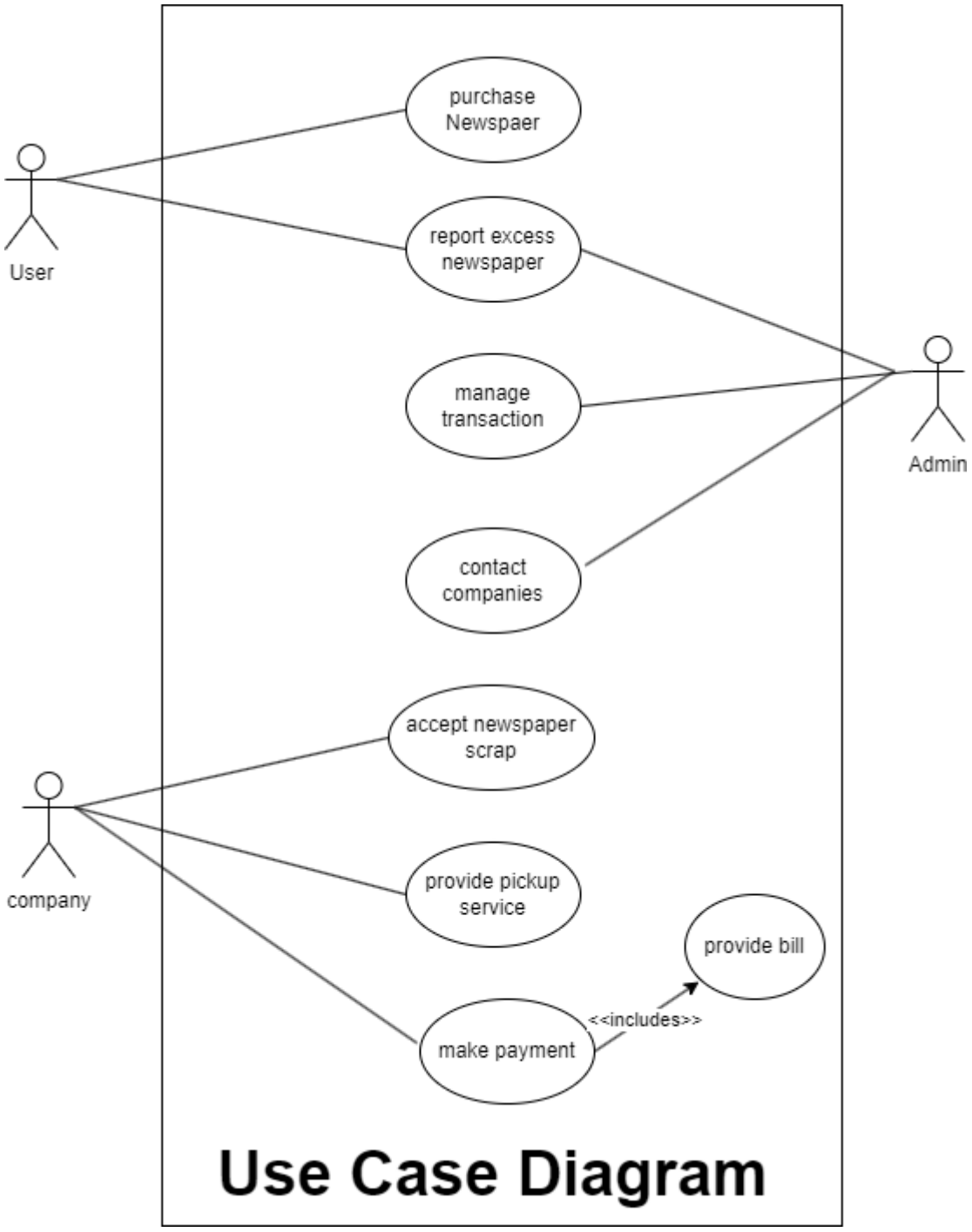
3.1 Entity Relationship Diagram (ERD):



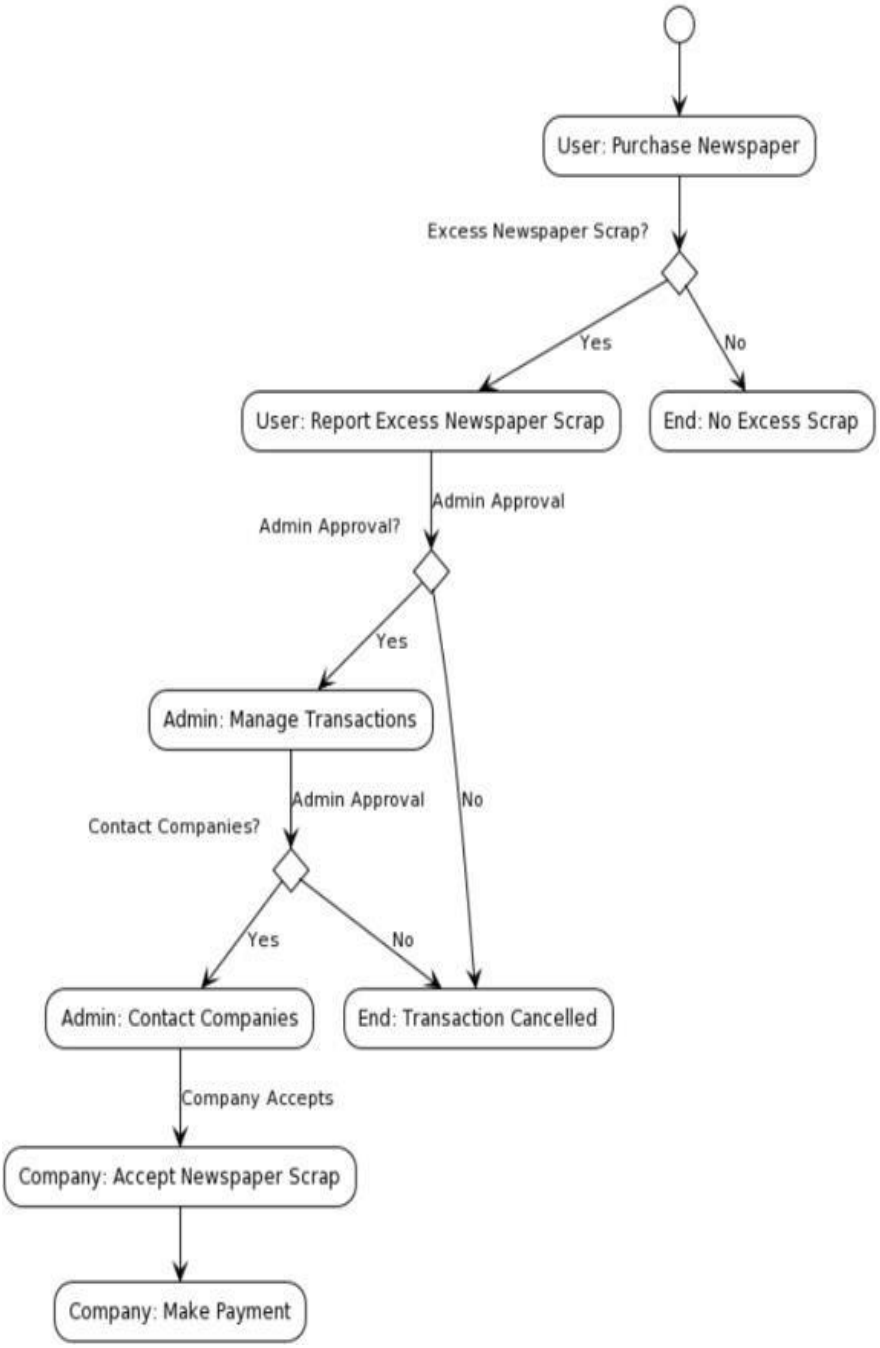
3.2 Class Diagram :



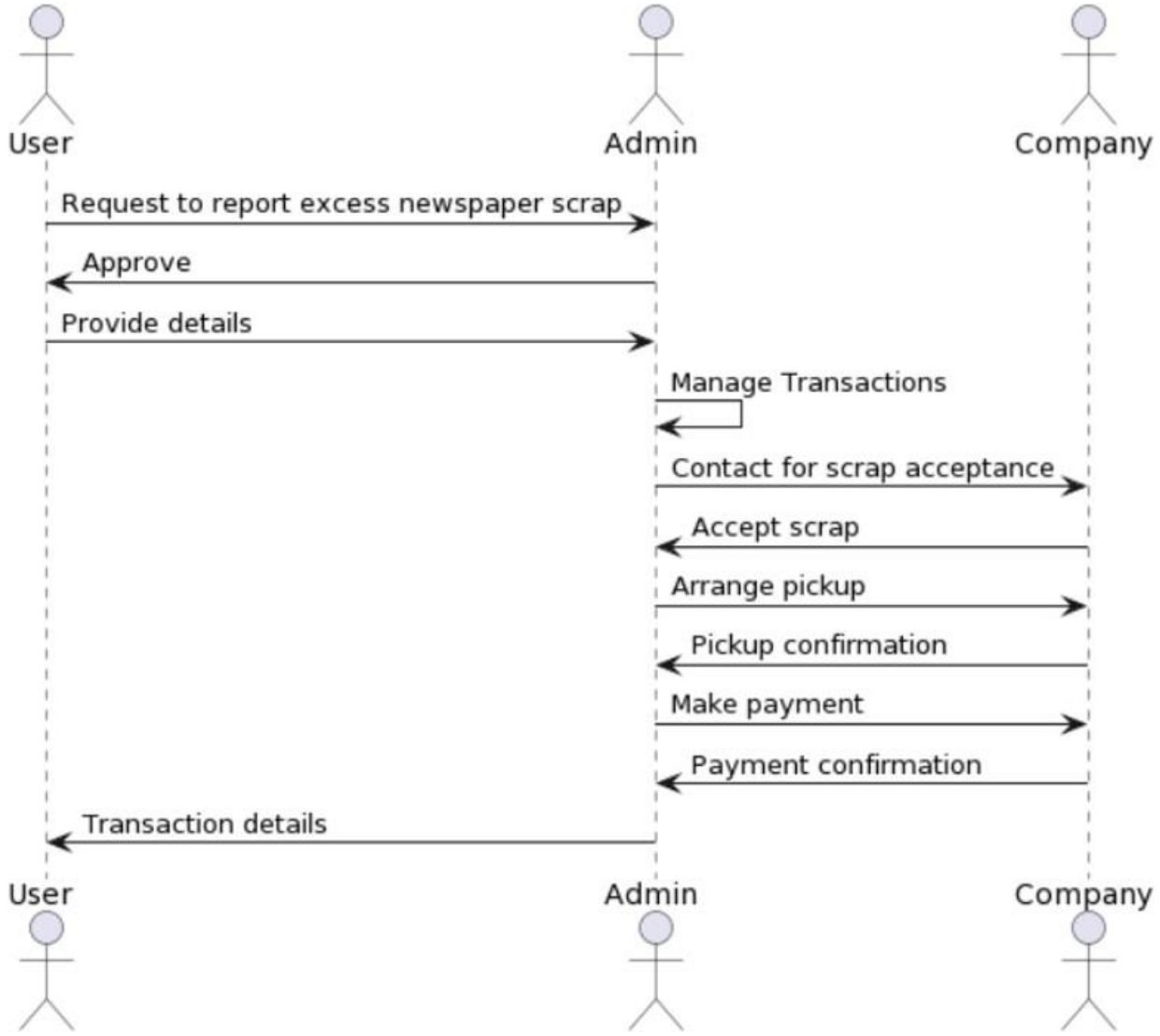
3.3 Use Case Diagrams :



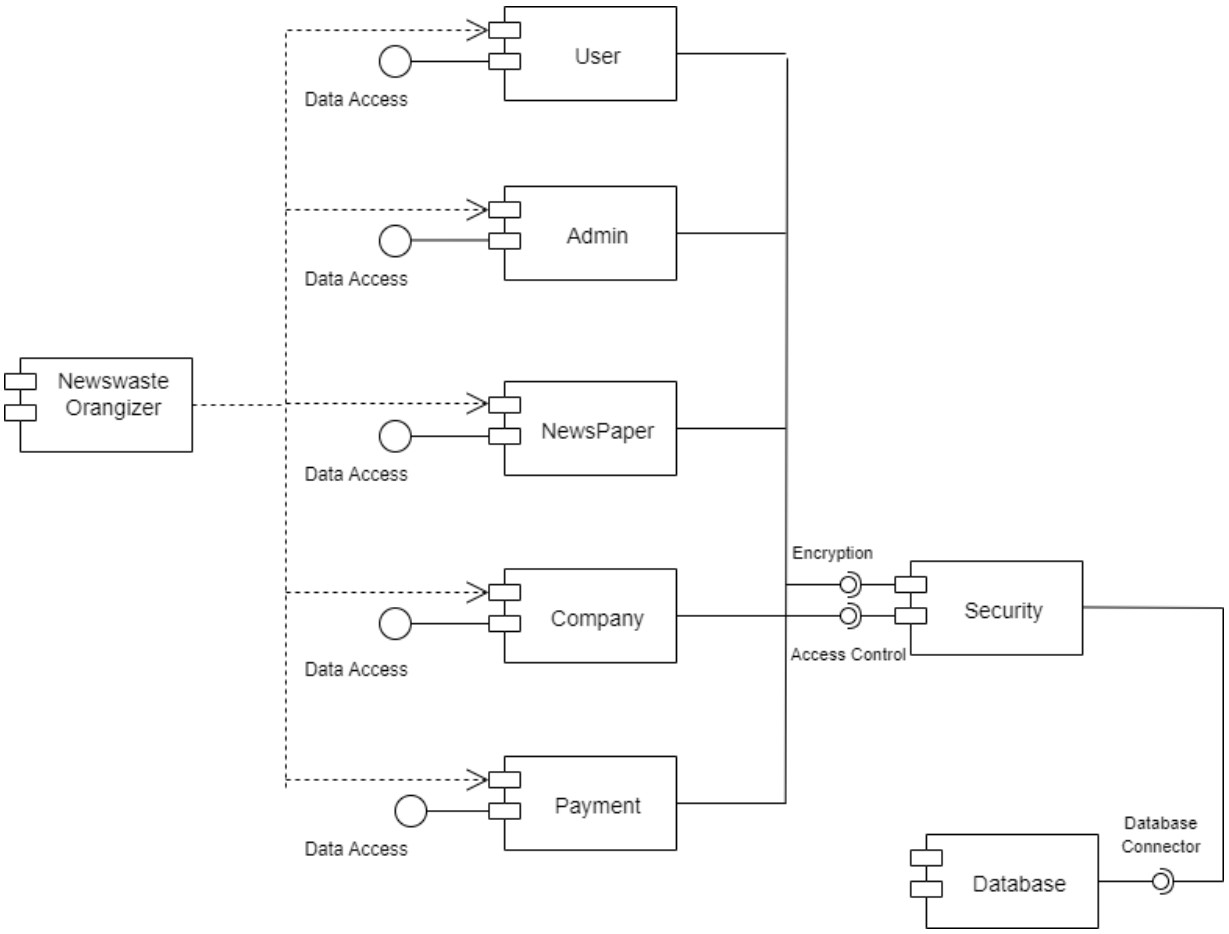
3.4 Activity Diagram :



3.4 Sequence Diagram:



3.6 Component Diagram:



3.8 Table Design

3.8.1 Student Information:

Table Name: student_Info
Description: This table stores information of teacher in detail.

Column	Data Type	Constraints	Description
UserID	INT	Primary Key	Unique identifier for users
Username	VARCHAR		User's username
Password	VARCHAR		User's password
Email	VARCHAR		User's email address
Phone	VARCHAR		User's phone number
Address	VARCHAR		User's address

3.8.2 Admin Information:

Table Name: admin_info

Description: This table stores information of admin in detail.

Column	Data Type	Constraints	Description
AdminID	INT	Primary Key	Unique identifier for admins
Username	VARCHAR		Admin's username
Password	VARCHAR		Admin's password
Email	VARCHAR		Admin's email address
Phone	VARCHAR		Admin's phone number

3.8.3 Company Information :

Table Name : company_info

Description : This table stores information of company in detail.

Column	Data Type	Constraints	Description
PaperID	INT	Primary Key	Unique identifier for newspapers
CollectionDate	DATE		Date when the newspaper was collected
Weight	FLOAT		Weight of the newspaper scrap
Status	VARCHAR		Status of the newspaper (e.g., collected, processed)

3.8.4 Job Profile :

Table Name : job_profile

Description : This table stores information about job.

Column	Data Type	Constraints	Description
CompanyID	INT	Primary Key	Unique identifier for companies
Name	VARCHAR		Name of the company
Address	VARCHAR		Address of the company
ContactPerson	VARCHAR		Contact person within the company
PhoneNo	VARCHAR		Phone number of the company

3.8.5 Education Qualification :

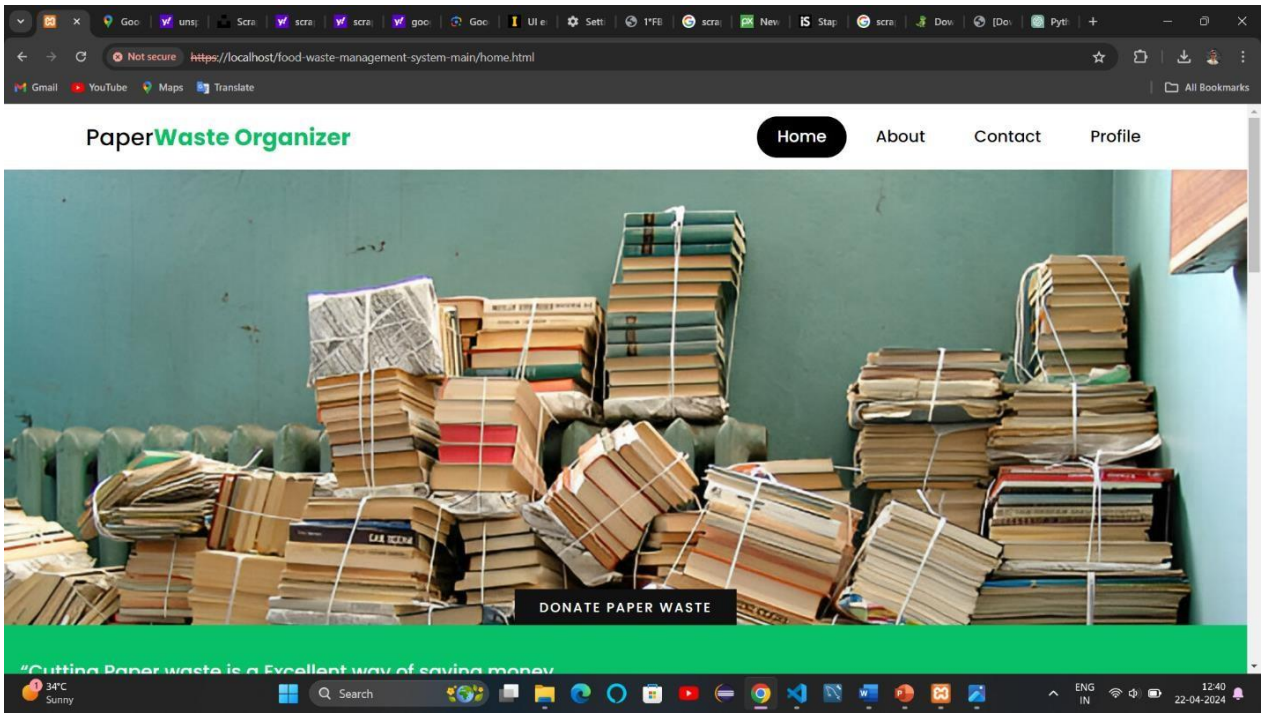
Table Name : educational_qualification

Description : This table stores information about qualification of student.

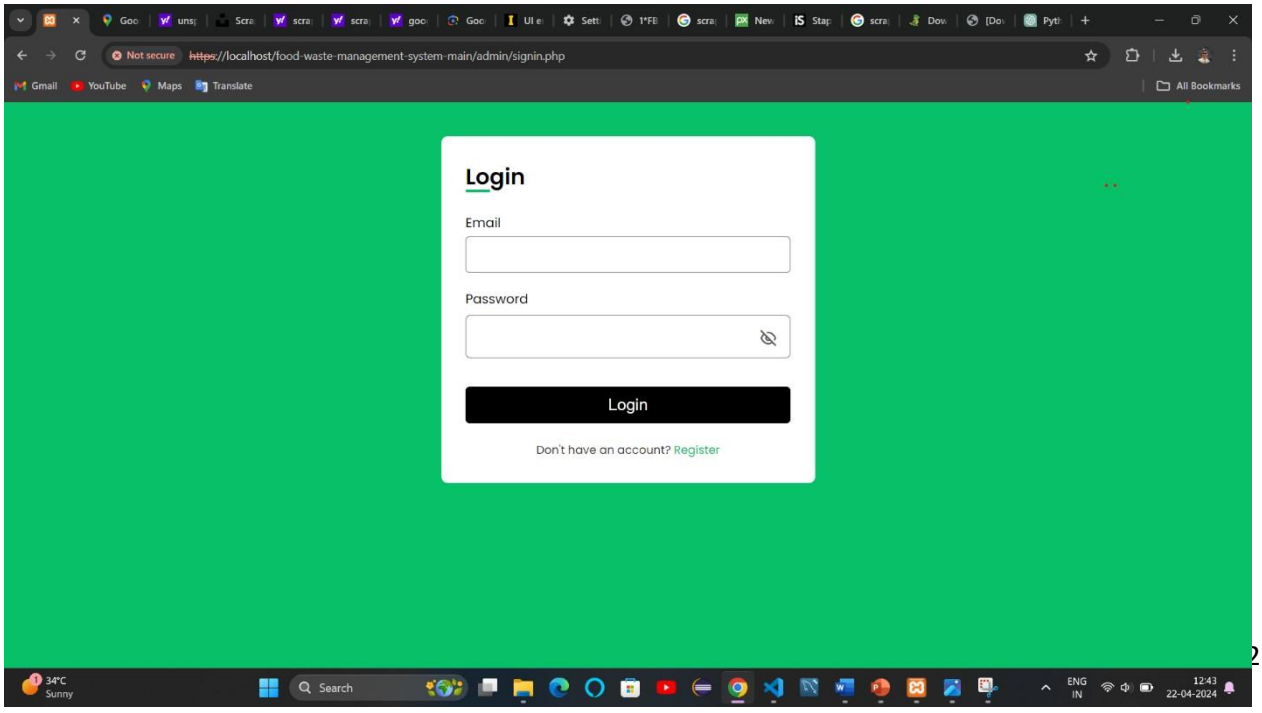
Column	Data Type	Constraints	Description
PaymentID	INT	Primary Key	Unique identifier for payments
Amount	FLOAT		Amount of the payment
Date	DATE		Date of the payment
PaymentType	VARCHAR		Type of payment (e.g., cash, check)

3.9 Sample Input and Output Screens:

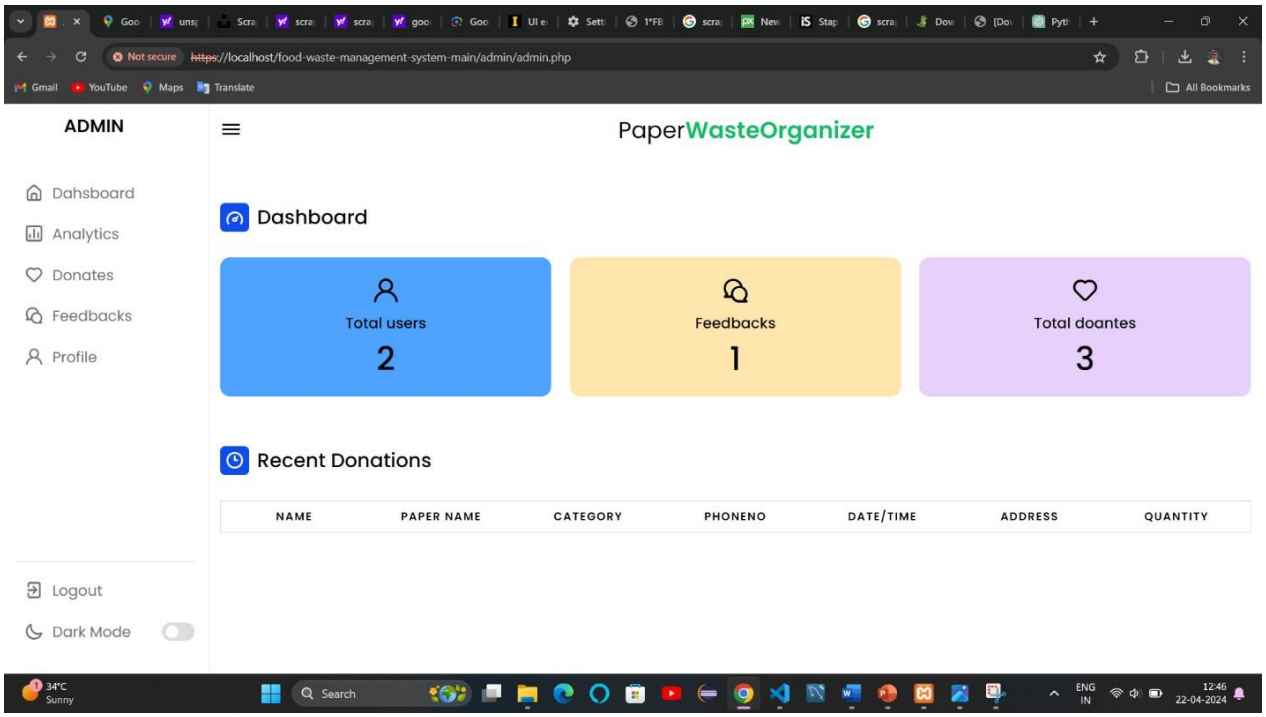
3.9.1. Home Page: This is the home page of the Website. It is the landing page of the Website.



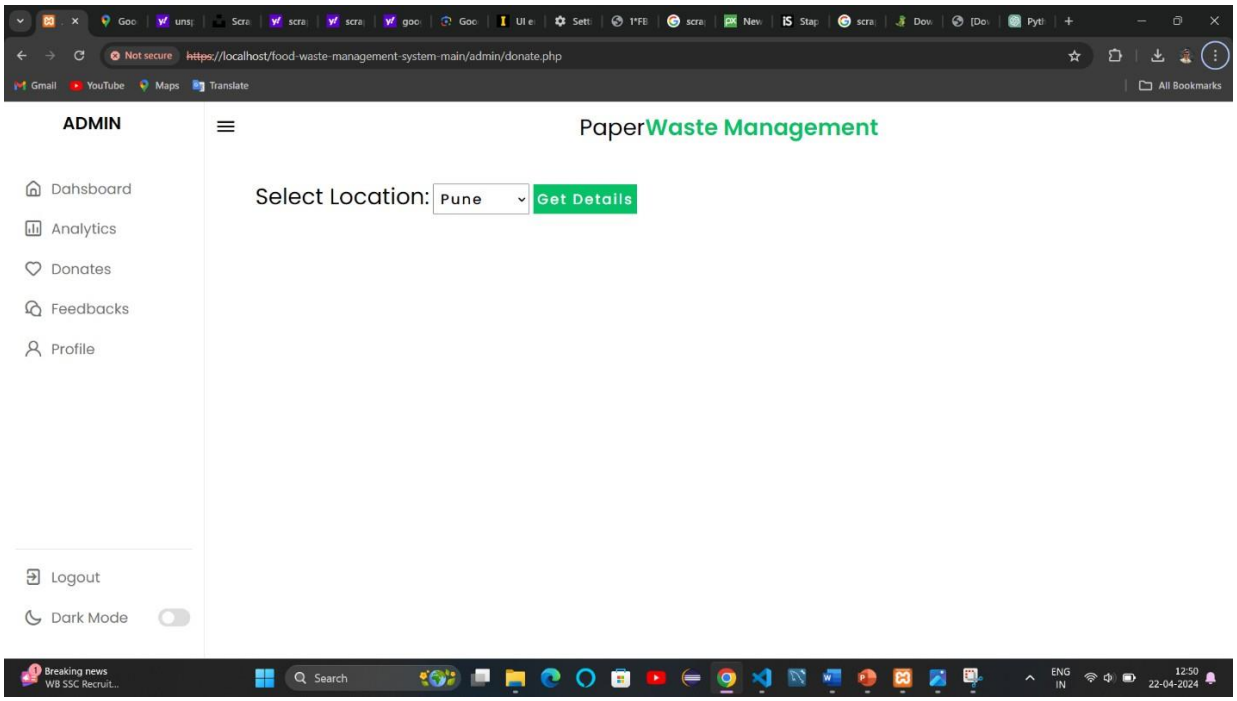
3.9.2 Admin Login: Interface to admin login in the website.



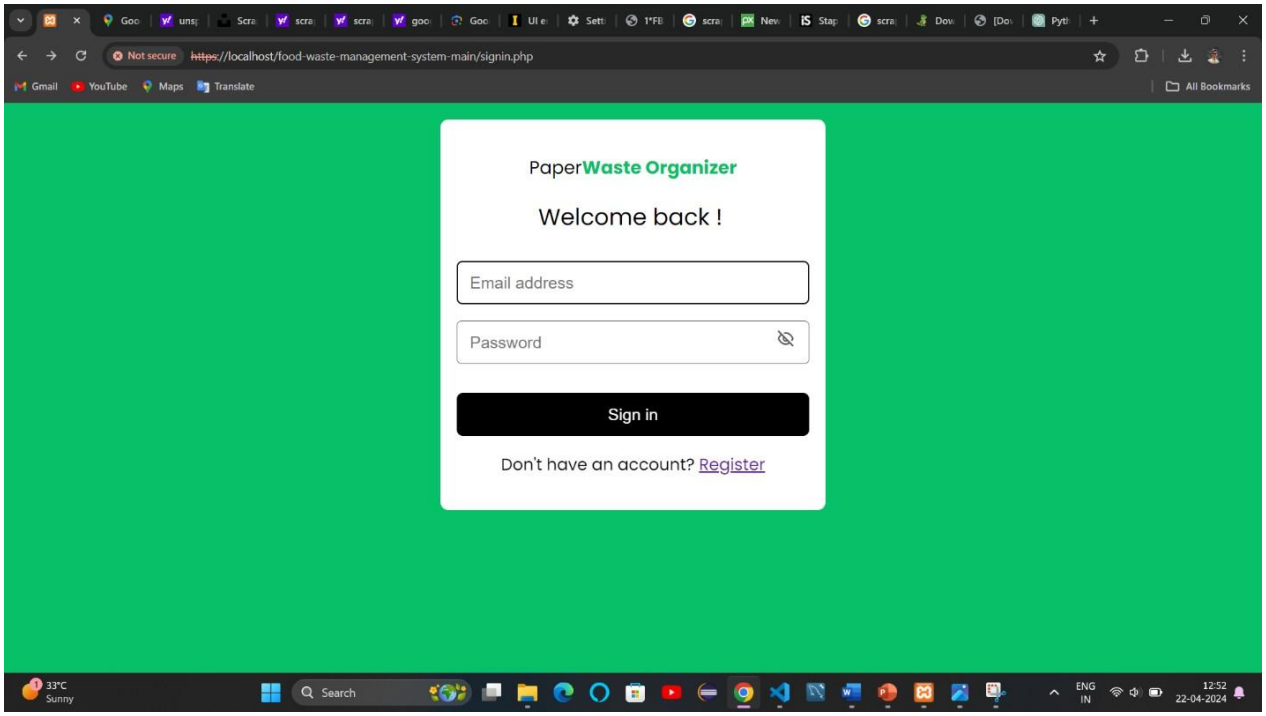
3.9.3 Admin Dashboard: Interface for Admin Dashboard which shows all the information.



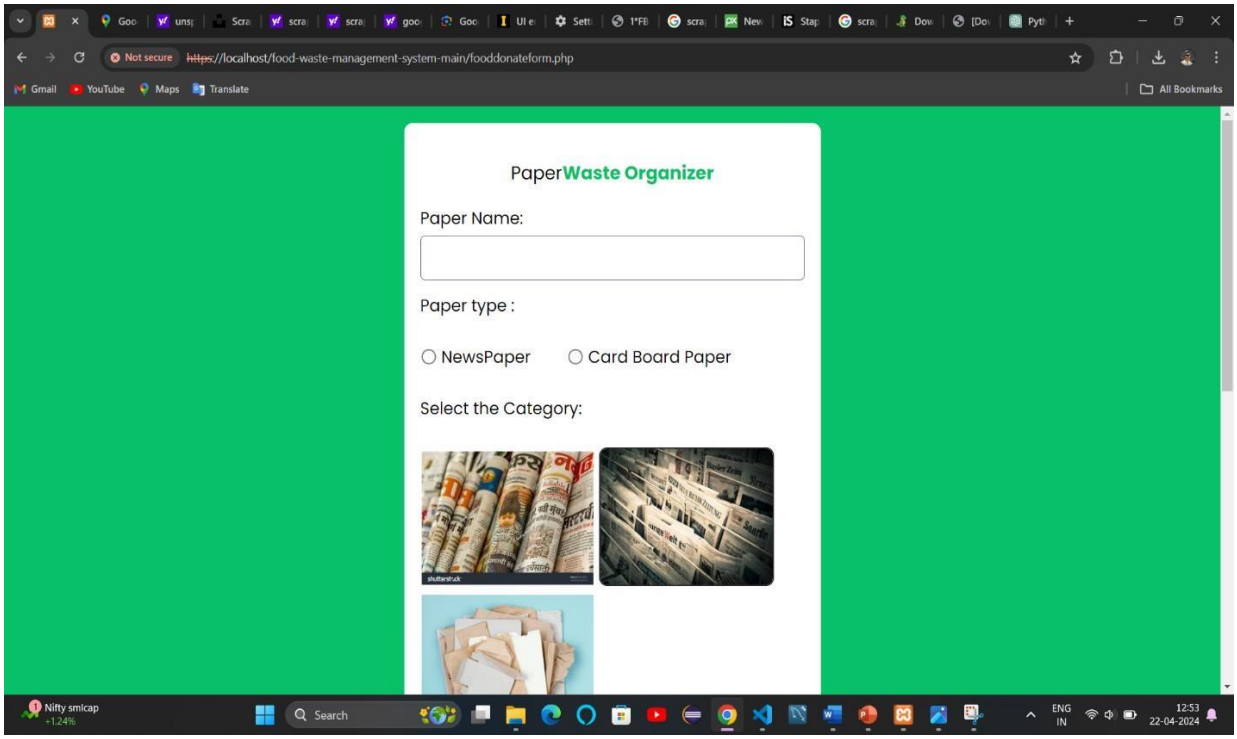
3.9.4 Donation: This is interface of Donation of paper.



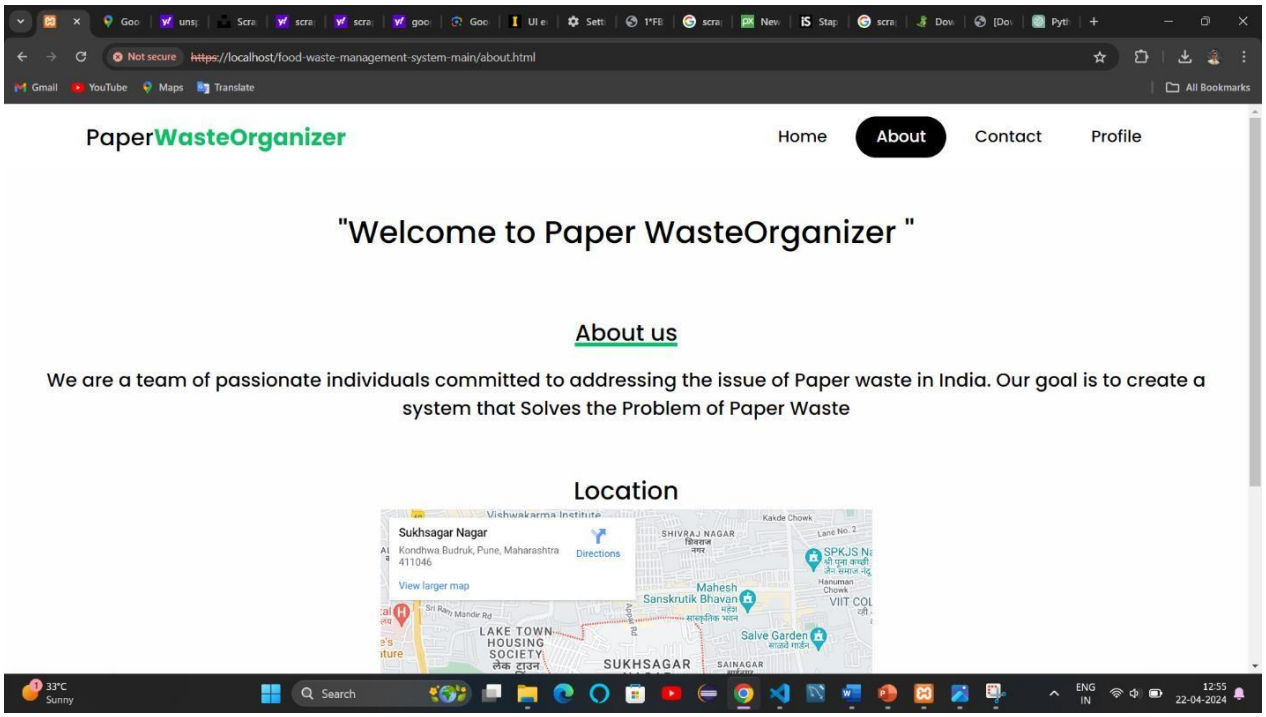
3.9.5 User Login: Interface to User login in the website.



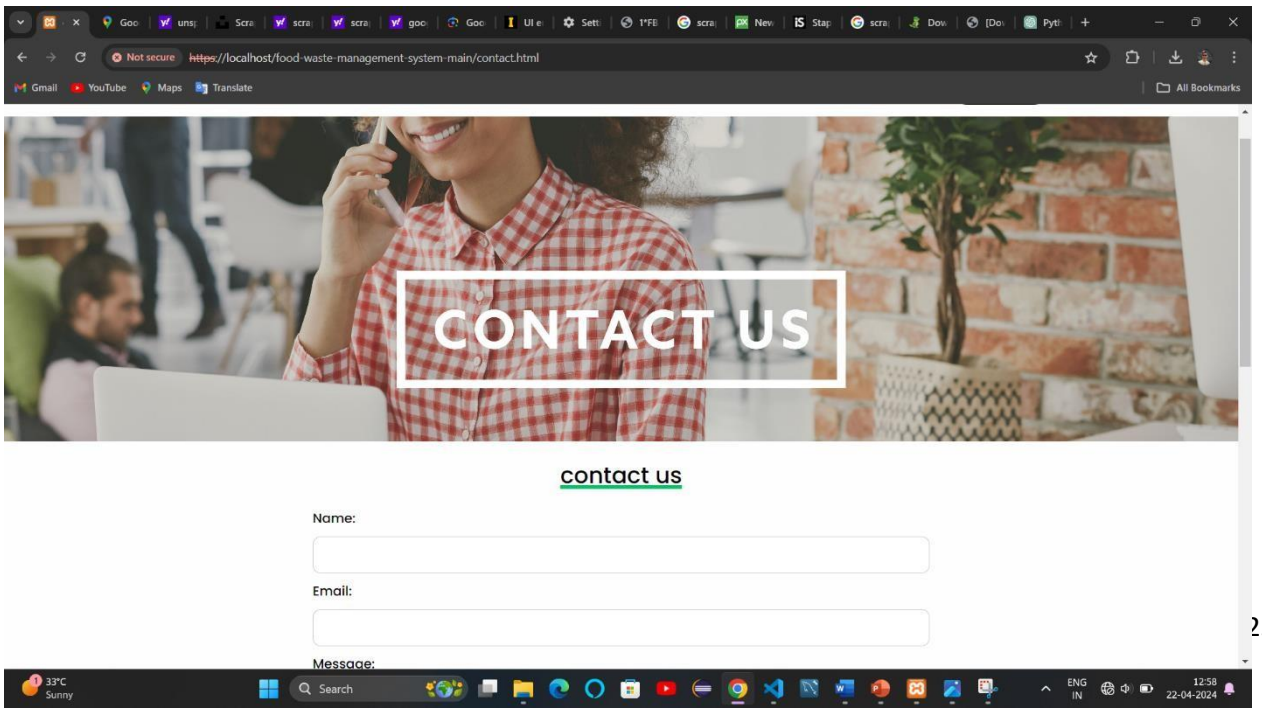
3.9.6 Input paper waste: Here you can I input the details of paper waste.



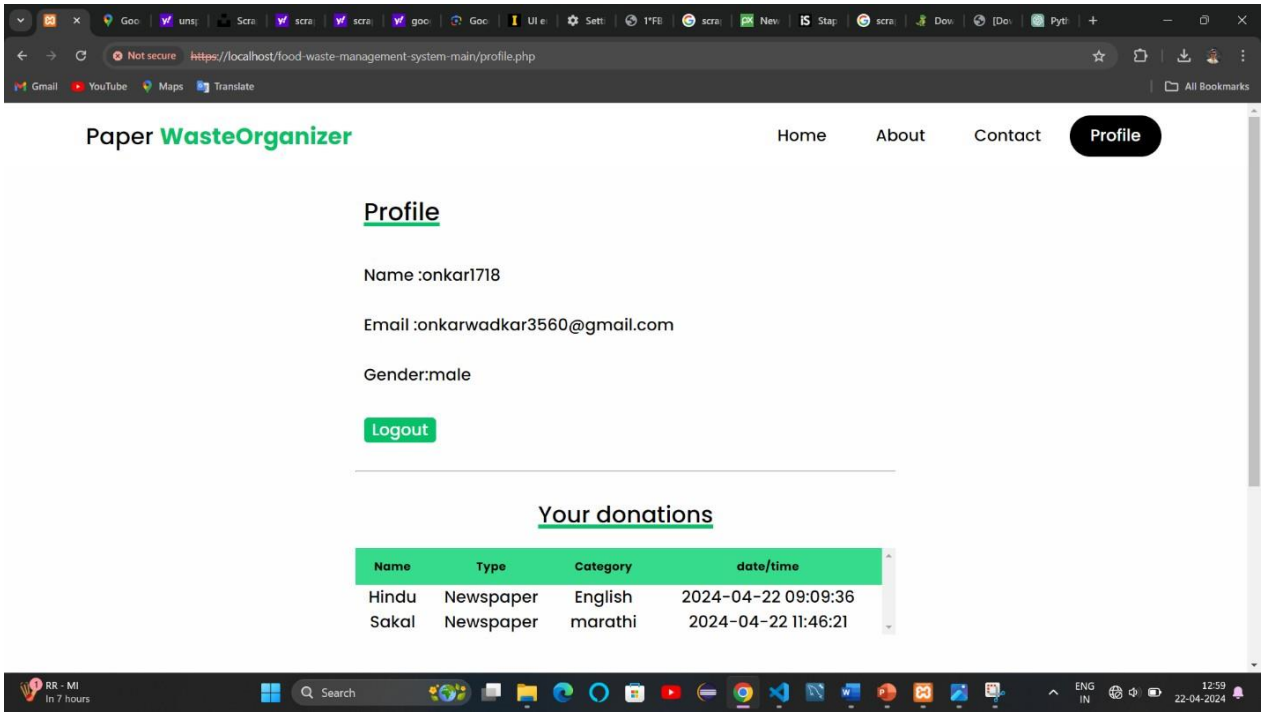
3.9.7 About Us: About Us Interface of the website.



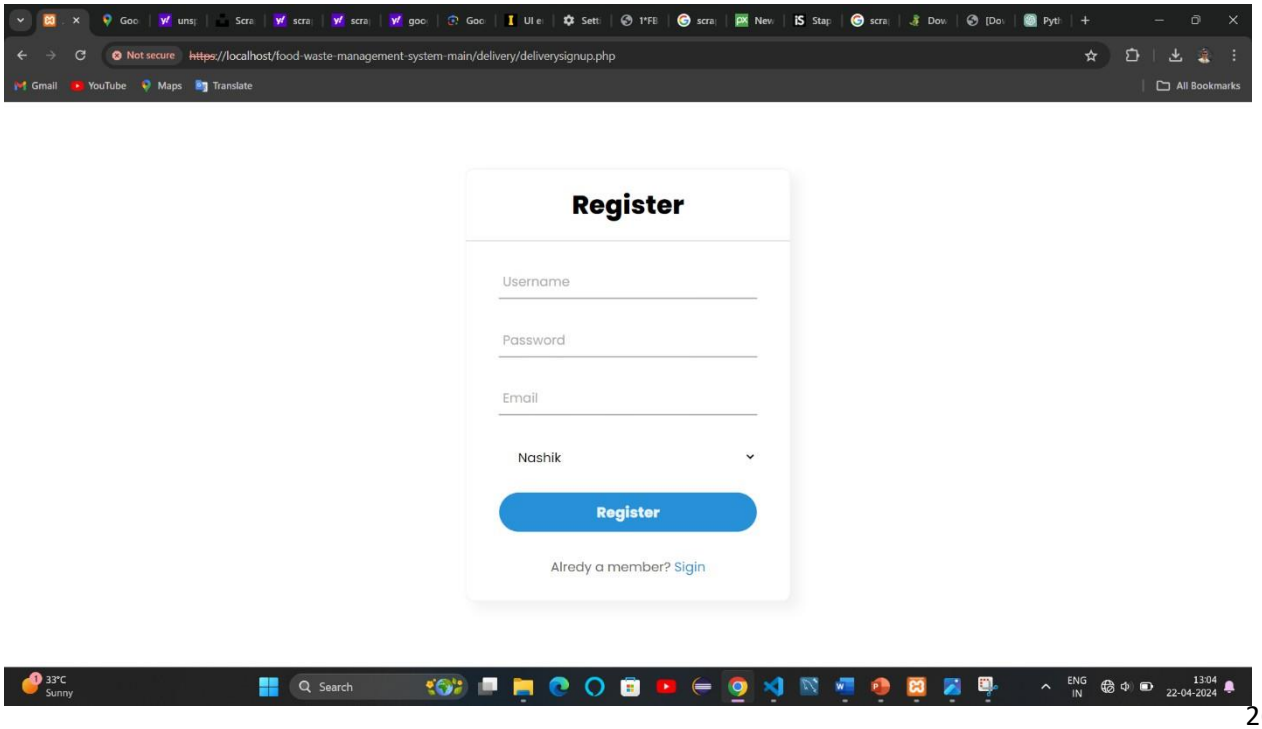
3.9.8 Contact us: Contact us Interface of the website.



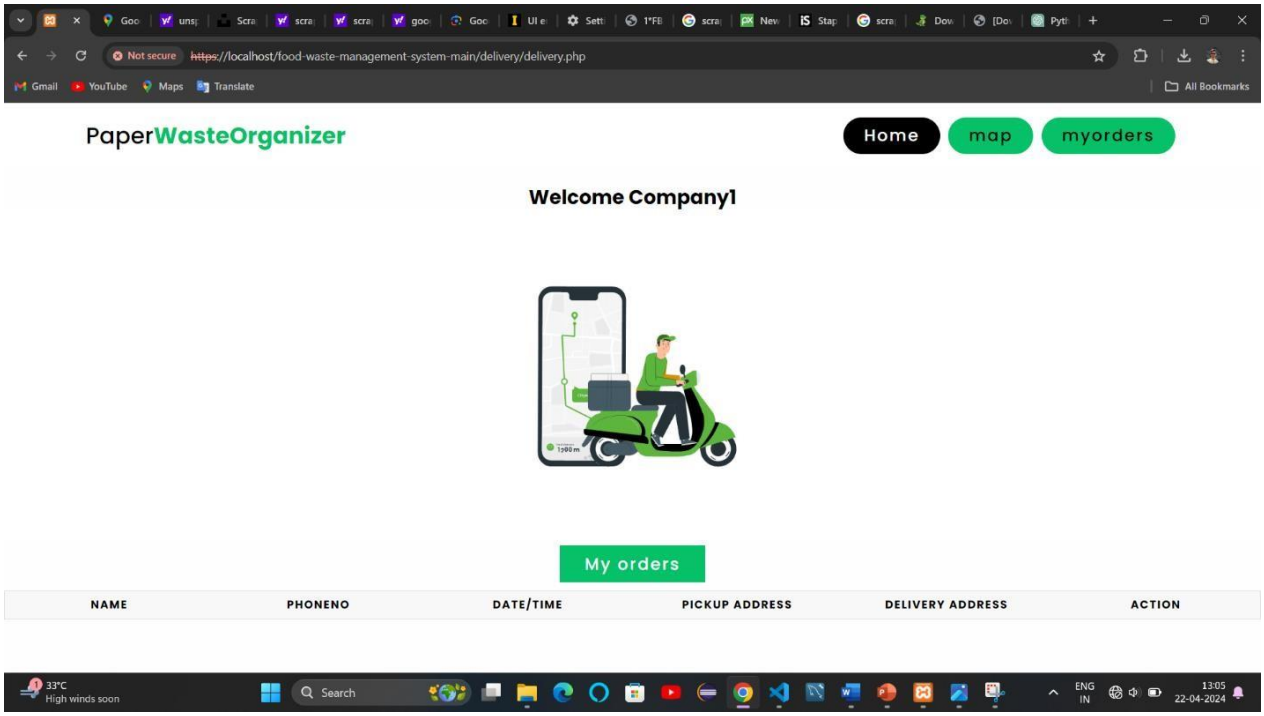
3.9.9 Profile: This Interface is the Profile of User.



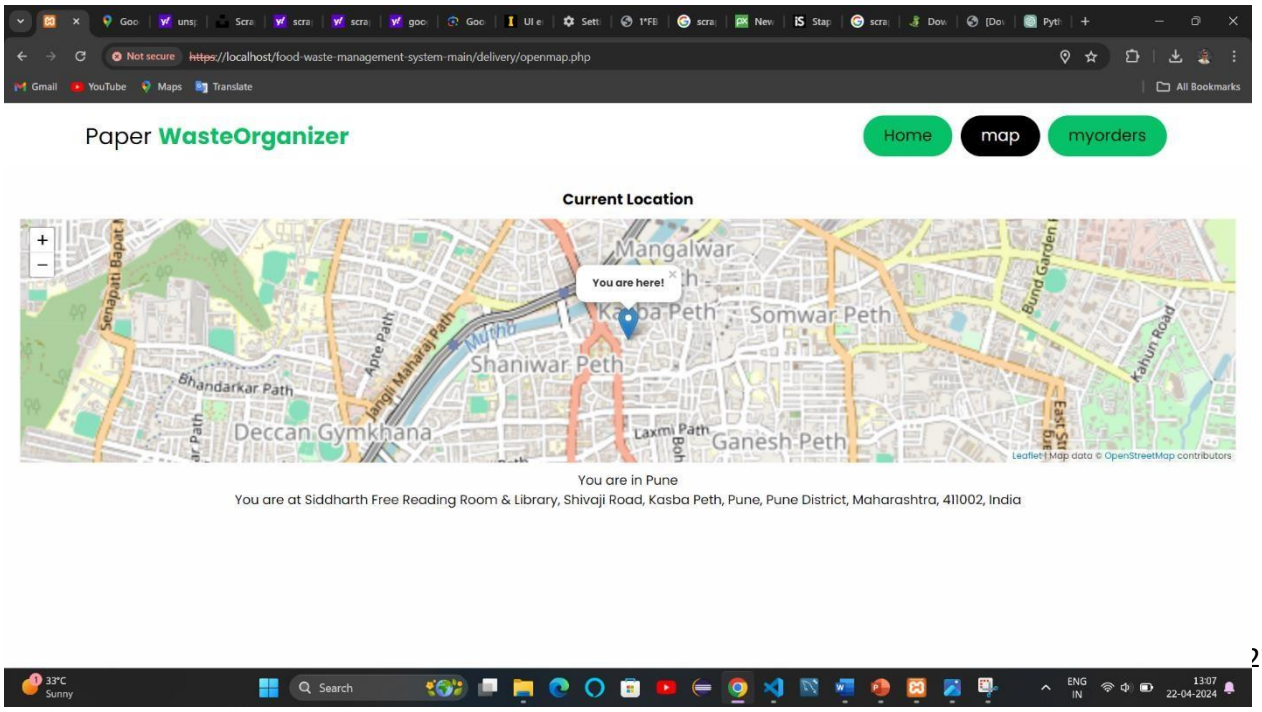
3.9.10 Company Register: This Interface is for Register page of Company.



3.9.11 Company Dashboard: This interface shows the dashboard of company.



3.9.12 Map: This Shows your current location.



CHAPTER 4: CODING SAMPLE CODE

```
<!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>paperwasteorganizer</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"><b>Paper</b><b style="color: #06C167;"> WasteOrganizer</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">Donate Paper Waste</a>
    </section>
    <div class="content">
        <!-- <h2>Love Food</h2>
        <h3>Hate Wasting</h3> -->
        <p style="font-size: 23px;">
            “Cutting Paper waste is a Excellent 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/img1.jpg" alt=""></div>
          <div class="box"><img src="img/img2.jpg" alt=""></div>
          <div class="box"><img src="img/img3.jpg" 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 Companies "</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">
           <span> About us</span>The basic concept of this project Paper WasteOrganizer is to collect the
excess papers from users and hand over to Companies.
     </p>

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

         </div>
         <div>

           <p> (+91)7066116024</p>

         </div>
         <div>
           <!-- <i class="fa fa-envelope" style="font-size: 17px;
           line-height: 38px; color:white;"></i> -->
           <p><a href="#"> paperwasteorganizer@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>Paper<span>WasteOrganizer</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"> Paper Waste &copy 2024</p>
      </div>
    </footer>


</body>
</html>       Admin <i class="fa-solid fa-greater-than"></i> Feedback <i class="fa-solid fa-greater-
than"></i>
  </div>
</div> -->
  <style>
    .container1 {
      margin-top: 20px;
      min-height: auto;
      padding: 20px;
      display: flex;
      justify-content: space-evenly;
      align-items: center;
      flex-wrap: wrap;
      margin-bottom: 100px;
    }

    .cards {
      width: 12%;
      min-height: 30vh;
      box-shadow: 0px 0px 1px black;
      margin-bottom: 2px;
    }

    .section-1 {
      width: 100%;
      height: 50%;
      display: flex;
      justify-content: center;
      align-items: center;
    }
```

```
        .section-1 img {
            width: 70%;
            height: auto;
            margin-top: 15px;
        }

        .section-2 {
            width: 100%;
            height: 50%;
            text-align: center;
            padding-top: 15px;

        }
<?php
session_start();
include 'connection.php';

if (isset($_POST['feedback'])) {
  $email = $_POST['email'];
  $name = $_POST['name'];
  $msg = $_POST['message'];
  $sanitized_emailid =  mysqli_real_escape_string($connection, $email);
  $sanitized_name =  mysqli_real_escape_string($connection, $name);
  $sanitized_msg =  mysqli_real_escape_string($connection, $msg);
  $query="insert into user_feedback(name,email,message)
values('$sanitized_name','$sanitized_emailid','$sanitized_msg')";
  $query_run= mysqli_query($connection, $query);
  if($query_run)
  {
    //echo '<script type="text/javascript">alert("data saved")</script>';
      header("location:contact.html");

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

}
?>              </a>
            <span class="text" style="color: white;">© 2023, GUNI Placementcell.</span>
          </div>

          <ul class="nav col-md-4 justify-content-end list-unstyled d-flex " style="color: white;">
            <li class="ms-3"><a class="text-muted" href="#"><i class="fa-brands fa-twitter" style="color:
white;"></i></a></li>
            <li class="ms-3"><a class="text-muted" href="#"><i class="fa-brands fa-instagram"
style="color: white;"></i></a></li>
            <li class="ms-3"><a class="text-muted" href="#"><i class="fa-brands fa-facebook"
style="color: white;"></i></a></li>
          </ul>
        </footer>
    </div>
    </div>

    <script src="../jquery/jquery-3.6.3.min.js"></script>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js"
```

```
integrity="sha384-
w76AqPfDkMBDXo30jS1Sgez6pr3x5MlQ1ZAGC+nuZB+EYdgRZgiwxhTBTkF7CXvN"
crossorigin="anonymous">
   </script>

   <script type="text/javascript" src="https://www.gstatic.com/charts/loader.js"></script>
   <script type="text/javascript">
      google.charts.load('current', {
         'packages': ['corechart']
      });
      window.onload = function() {
         getChartDetails();
      };

      // google.charts.setOnLoadCallback(drawChart);

      // Global Variable
      var obj;
      var companyArray = new Array();
      var jobRecordArray = new Array();

      function getChartDetails() {
         var XRH = new XMLHttpRequest();

         XRH.onload = function() {
            obj = JSON.parse(this.responseText);
            console.log(obj);
            var companyJobRecord = obj.company_job_records;
            var jobRecord = obj.jobRecord;

            for (let company of companyJobRecord) {
               companyArray.push([company.companyName, Number(company.totalJob)]);
            }
            for (let job of jobRecord) {
               jobRecordArray.push(["Job Id =" + job.jobId, Number(job.totalApplication)]);
            }

            drawCompanyJobChart();
            drawJobRecordChart();
         }

         XRH.open('POST', './php/getDashboard.php');
         XRH.setRequestHeader("Content-type", "application/x-www-form-urlencoded");
         XRH.send();
      }

<?php
include("login.php");
if($_SESSION['name']==''){
         header("location: signin.php");
}
// include("login.php");
$emailid= $_SESSION['email'];
$connection=mysqli_connect("localhost","root","");
$db=mysqli_select_db($connection,'demo');
if(isset($_POST['submit']))
```

```
{
   $foodname=mysqli_real_escape_string($connection, $_POST['foodname']);
   $meal=mysqli_real_escape_string($connection, $_POST['meal']);
   $category=$_POST['image-choice'];
   $quantity=mysqli_real_escape_string($connection, $_POST['quantity']);
   // $email=$_POST['email'];
   $phoneno=mysqli_real_escape_string($connection, $_POST['phoneno']);
   $district=mysqli_real_escape_string($connection, $_POST['district']);
   $address=mysqli_real_escape_string($connection, $_POST['address']);
   $name=mysqli_real_escape_string($connection, $_POST['name']);




   $query="insert into food_donations(email,food,type,category,phoneno,location,address,name,quantity)
values('$emailid','$foodname','$meal','$category','$phoneno','$district','$address','$name','$quantity')";
   $query_run= mysqli_query($connection, $query);
   if($query_run)
   {

      echo '<script type="text/javascript">alert("data saved")</script>';
      header("location:delivery.html");
   }
   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>Paper WasteOrganizer</title>
   <link rel="stylesheet" href="loginstyle.css">
</head>
<body style="    background-color: #06C167;">
   <div class="container">
      <div class="regformf" >
   <form action="" method="post">
      <p class="logo">Paper<b style="color: #06C167; ">Waste Organizer</b></p>

     <div class="input">
      <label for="foodname"  > Paper Name:</label>
      <input type="text" id="foodname" name="foodname" required/>
      </div>


      <div class="radio">
      <label for="meal" >Paper type :</label>
      <br><br>
```

```
      <input type="radio" name="meal" id="newspaper" value="Newspaper" required/>
      <label for="veg" style="padding-right: 40px;">NewsPaper</label>
      <input type="radio" name="meal" id="cardboard" value="CardBoard" >
      <label for="Non-veg">Card Board Paper</label>

      </div>
      <br>
      <div class="input">
      <label for="food">Select the Category:</label>
      <br><br>
      <div class="image-radio-group">
         <input type="radio" id="marathi" name="image-choice" value="marathi">
         <label for="marathi">
           <img src="img/marathi.jpg" alt="raw-food" >
         </label>
         <input type="radio" id="English" name="image-choice" value="English"checked>
         <label for="English">
           <img src="img/english.jpg" alt="cooked-food" >
         </label>
         <input type="radio" id="cardboard" name="image-choice" value="cardboard">
         <label for="cardboard">
           <img src="img/cardboard.jpg" alt="packed-food" >
         </label>
       </div>
       <br>
      <!-- <input type="text" id="food" name="food"> -->
      </div>
      <div class="input">
      <label for="quantity">Quantity:(kg)</label>
      <input type="text" id="quantity" name="quantity" required/>
      </div>
     <b><p style="text-align: center;">Contact Details</p></b>
      <div class="input">
        <!-- <div>
     <label for="email">Email:</label>
     <input type="email" id="email" name="email">
        </div> -->
     <div>
     <label for="name">Name:</label>
     <input type="text" id="name" name="name"value="<?php echo"". $_SESSION['name'] ;?>"
required/>
     </div>
     <div>
       <label for="phoneno" >PhoneNo:</label>
     <input type="text" id="phoneno" name="phoneno" maxlength="10" pattern="[0-9]{10}" required />

     </div>
     </div>
       <div class="input">
       <label for="location"></label>
       <label for="district">District:</label>
<select id="district" name="district" style="padding:10px;">
  <option value="chennai">Pune</option>
  <option value="kancheepuram">Mumbai</option>
  <option value="thiruvallur">Nashik</option>
```

```
  <!-- <option value="vellore">Vellore</option> -->
  <!-- <option value="tiruvannamalai">Tiruvannamalai</option>
  <option value="tiruvallur">Tiruvallur</option>
  <option value="tiruppur">Tiruppur</option>
  <option value="coimbatore">Coimbatore</option>
  <option value="erode">Erode</option>
  <option value="salem">Salem</option>
</select>

      <label for="address" style="padding-left: 10px;">Address:</label>
      <input type="text" id="address" name="address" required/><br>




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

      </div>
    </form>
    </div>
  </div>


</body>
</html>
```

CHAPTER 5 : LIMITATIONS OF SYSTEM

User Interface Complexity:
The interface of the scrap waste management system may be complex, especially for users who are new to the platform. This complexity can result in a steep learning curve and inefficiencies in navigating the system, hindering the effective management of newspaper waste.

Limited Customization:
Users may find limitations in customizing their waste management processes according to their specific needs or preferences. This lack of customization options can make it challenging to optimize the collection and recycling of newspapers efficiently.

Scalability Challenges:
As the volume of newspaper waste inputs increases, scalability becomes a concern for the system. It may encounter performance issues, slower processing times, and potential system overloads during periods of high usage, impacting the overall efficiency of waste management operations.

Integration Issues:
Seamless integration with other waste management systems or recycling facilities is crucial for a comprehensive waste management ecosystem. However, the scrap waste management system may face challenges in integrating with external systems, affecting the seamless flow of newspaper waste from collection to recycling.

Data Security Concerns:
Despite implementing security measures, the system may still be vulnerable to data breaches or unauthorized access. Users may have concerns about the confidentiality and security of their waste management data, including information related to newspaper collection and recycling activities.

Real-time Communication Constraints:
Timely communication between users, waste collectors, and recycling facilities is essential for efficient waste management. However, the system may have constraints in providing real-time communication features, leading to delays in scheduling waste collection or coordinating recycling processes for newspapers.

Accessibility Barriers:
Accessibility issues, such as limited support for assistive technologies or inaccessible design features, may pose challenges for users with disabilities. Ensuring accessibility is crucial for providing an inclusive waste management experience for all users, including those involved in newspaper waste recycling efforts.

CHAPTER 6: PROPOSED ENHANCEMENTS

1. **Enhanced Data Management:**
    - Implement a centralized database to store all relevant data related to paper waste collection, recycling, and disposal, including information on collection points, recycling facilities, waste volumes, and recycling rates.
    - Enhance data validation processes to ensure accuracy and integrity of the data, reducing errors and improving decision-making in waste management operations.
2. **Improved User Experience:**
    - Revise the user interface to create a more intuitive and user-friendly experience for stakeholders involved in paper waste management, including waste collectors, recycling facilities, and administrators.
    - Simplify the process of reporting paper waste data and requesting waste collection services, reducing friction and encouraging more active participation in recycling efforts.
3. **Advanced Sorting and Matching Capabilities:**
    - Introduce advanced sorting and matching algorithms to optimize the collection and recycling of paper waste based on factors such as location, waste composition, and recycling capabilities of facilities.
    - Implement smart routing algorithms to efficiently allocate waste collection resources and minimize transportation costs, contributing to a more sustainable and cost-effective waste management system.
4. **Enhanced Reporting and Analytics:**
    - Develop comprehensive reporting tools to provide stakeholders with insights into paper waste generation patterns, recycling rates, and environmental impact.
    - Utilize data visualization techniques to present waste management analytics in a visually engaging and easily understandable format, facilitating informed decision-making and stakeholder engagement.

CHAPTER 7: CONCLUSION

In conclusion, the proposed enhancements to the paper waste management project signify a significant step forward in optimizing waste management processes and promoting sustainability. By leveraging advanced data management techniques, user-friendly interfaces, and intelligent algorithms, the project aims to streamline waste collection, recycling, and disposal efforts.

Through enhanced user experience and intuitive interfaces, stakeholders involved in paper waste management, including waste collectors, recycling facilities, and administrators, can more effectively participate in recycling initiatives. Moreover, the implementation of advanced sorting and matching capabilities ensures efficient resource allocation and minimizes environmental impact.

The integration of comprehensive reporting and analytics tools empowers stakeholders with valuable insights into waste generation patterns, recycling rates, and overall environmental performance. This enables informed decision-making and fosters greater accountability in waste management practices.

By embracing these enhancements and prioritizing sustainability, the paper waste management project is poised to revolutionize waste management practices, contribute to environmental conservation, and create a more sustainable future for generations to come

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