GRAM PANCHAYAT MANAGEMENT SYSTEM

A Mini project report submitted in partial fulfilment of the requirement for the award of the degree of

BACHELOR OF TECHNOLOGY
in
COMPUTER SCIENCE AND ENGINEERING

Submitted by

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Rushikonda, Visakhapatnam - 45.
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE & PG COURSES(A)

Rushikonda, Visakhapatnam - 45

CERTIFICATE

This is to certify that the mini project report entitled **"GRAM PANCHAYAT MANAGEMENT SYSTEM"** being submitted by B.Harshit (5201411005), D.Srija (5201411006), V.Prem Suraj (5201411008), V.Kusmanjan Kumar (5201411033) in the partial fulfilment for the award of the Degree of Bachelor of Technology in Computer Science and Engineering to the Gayatri Vidya Parishad College for Degree & PG Courses, Visakhapatnam is a record of bonified work carried out under my guidance and supervision.

Project Supervisor

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Assistant Professor

Head of the Department

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M.Tech,Ph.D
Professor

External Examiner

DECLARATION

We hereby declare that the mini project entitled **"GRAM PANCHAYAT MANAGEMENT SYSTEM"** submitted in partial fulfilment of the requirements for the award of Bachelor of Technology in Computer Science and Engineering, to Engineering and Technology and Programme, Gayatri Vidya Parishad College for Degree & PG Courses. We assure that this project is not submitted in any other University or College.

Name & Signature of the Students

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ACKNOWLEDGEMENT

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We would like to thank Dr.N.V.R.Murthy sir, Professor, Head of the Department of Computer Science of Engineering, for being moral support throughout the period of our study.

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ABSTRACT

This project aims to develop a web-based platform for Gram Panchayat that will facilitate the collection and management of various taxes imposed by the local government. The platform will offer a user-friendly interface for taxpayers to pay their taxes online, eliminating the need for them to visit the local office physically.

Going to the respective offices requires a lot of time and may result in work delay. The data in the office has to be maintained manually. There is no security for the data and faults can be encountered during entering the data mainly which require higher calculations.

People also face so many problems in their area. So, our website provide solutions to all the problems in the current system. The platform will enable the users to manage different taxes, and bills from a single location.

They can also take a look at the due dates and pay them at anywhere and at anytime.
provide a convenient and transparent tax viewing and payment system for taxpayers.

TABLE OF CONTENTS

1.INTRODUCTION

Overall, this project will simplify the process of tax collection for the Gram Panchayat and
In today's digital era, technology has transformed the way we conduct our day-to-day activities, including paying taxes. However, in rural areas, the process of paying taxes is still manual, time-consuming, and often results in work delays. To address this challenge, this project aims to develop a web-based platform for Gram Panchayat to facilitate the collection and management of various taxes imposed by the local government. The platform will provide a user-friendly interface for taxpayers to pay their taxes online, eliminating the need for them to physically visit the local office. Moreover, the platform will also enable users to manage different taxes and bills from a single location, view due dates and pay them from anywhere, and at any time.
This project will simplify the process of tax collection for Gram Panchayat and provide a convenient and transparent tax viewing and payment system for taxpayers.

2.REQUIREMENTS

2.1 Existing system:

✓Existing system is totally on book and thus a great amount of manual work has to be done. The amount of manual work increases exponentially with increase in services.

✓Needs a lot of working staff and extra attention on all the records.

✓In existing system, there are various problems like keeping records of individuals, tax specification and fixing bill generation, manual modifications.

✓Finding out details regarding any information is very difficult, as they have to go through all the books manually.

2.2 Proposed system:

The software is simple in design and to implement. The software requires very low system resources and the system will work in almost all configurations. It has got following features:

✓Records are efficiently maintained by DBMS.

✓DBMS also provides security for the information.

✓Any person can pay or check their gram bills, when required.

✓Different details about tax payments for electricity bill, water bill, phone bill etc can be viewed.

✓Minimum time needed for the various processing operations.

✓Adding and viewing of users is provided which results in proper resource management of Gram Panchayat data.

2.3 Project scope:

The scope of the project is to build a reliable system that is feasible to use partially and completely by people.

2.4 Hardware Requirements:

Processor : Intel core i3 ,64 bit.

HDD : 40GB

RAM : 4GB

2.5 Software Requirements:

Operating System : Windows 10.

Web Server : WAMP

Platform : Notepad++

Database : MYSQL

Database connectivity : PHP

Language : HTML, CSS, MYSQL, PHP.

Windows operating system:

Microsoft Windows is a multitasking operating system developed by Microsoft Corporation which uses Graphical User Interface to interact with the users. Microsoft was originally named "Traf-O-Data" in 1972, was renamed as "Micro-soft" in November 1975, then "Microsoft" on November 26, 1976. Microsoft entered the marketplace in August 1981 by releasing version 1.0 of the operating system Microsoft DOS (MS-DOS), a 16-bit command-line operating system. Bill Gates and Paul Allen founded Microsoft and windows operating system has been its primary product. A program that is written to run
under MS operating System is the Windows Application. Examples of applications that run on Windows OS are the Microsoft Outlook, Internet Explorer, Remote Desktop Condition, Snipping Tool, and numerous others. These applications provide great functionality for users to do their day to day activities. Every application that is developed, for them to launch on windows, should be compatible with the Windows operating system.

MYSQL Database:

MySQL is a fast, easy-to-use RDBMS being used for many small and big businesses. MySQL is developed, marketed and supported by MySQL AB, which is a Swedish company. MySQL is becoming so popular because of many good reasons −

- MySQL is released under an open-source license. So you have nothing to pay to use it.
- MySQL is a very powerful program in its own right. It handles a large subset of the functionality of the most expensive and powerful database packages.

- MySQL uses a standard form of the well-known SQL data language.
- MySQL works on many operating systems and with many languages including PHP, PERL, C, C++, JAVA etc.
- MySQL is very friendly to PHP, the most appreciated language for web development.
- MySQL supports large databases, up to 50 million rows or more in a table. The default file size limit for a table is 4GB, but you can increase this (if your operating system can handle it) to a theoretical limit of 8 million terabytes (TB).
- MySQL is customizable. The open-source GPL license allows programmers to modify the MySQL software to fit their own specific environments.
- MySQL − The MySQL database server manages the databases and tables, controls user access and processes the SQL queries.
- MySQL-client − MySQL client programs, which make it possible to connect to and interact with the server.
- MySQL-devel − Libraries and header files that come in handy when compiling other programs that use MySQL.
- MySQL-shared − Shared libraries for the MySQL client.
- MySQL-bench − Benchmark and performance testing tools for the MySQL database server.

Administrative MySQL Command:

Here is the list of the important MySQL commands, which you will use time to time to work with MySQL database −

- USE Databasename − This will be used to select a database in the MySQL work area.
- SHOW DATABASES − Lists out the databases that are accessible by the MySQL DBMS.
- SHOW TABLES − Shows the tables in the database once a database has been selected with the use command.
- SHOW COLUMNS FROM *tablename:* Shows the attributes, types of attributes, key information, whether NULL is permitted, defaults, and other information for a table.
- SHOW INDEX FROM tablename − Presents the details of all indexes on the table, including the PRIMARY KEY.
- SHOW TABLE STATUS LIKE tablename\G − Reports details of the MySQL DBMS performance and statistics.

3. SYSTEM DESIGN

System Design is the process of defining the architecture, components, modules, interfaces, and data for a system to satisfy specified requirements. In System design, developers:

- Define design goals of the project
- Decompose the system into smaller sub systems
- Design hardware/software strategies
- Design persistent data management strategies
- Design global control flow strategies
- Design access control policies and
- Design strategies for handling boundary conditions.

System design is not algorithmic. It is decomposed of several activities. They are:

- Identify Design Goals
- Design the initial subsystem decomposition
- Refine the subsystem decomposition to address the design goals. System Design is the transform of analysis model into a system design model. Developers define the design goals of the project and decompose the system into smaller subsystems that can be realized by individual teams. Developers also select strategies for building the system, such as the hardware/software platform on which the system will run, the persistent data management strategy, the goal control flow the access control policy and the handling of boundary conditions. The result of the system design is model that includes a clear description of each of these strategies, subsystem decomposition, and a UML deployment diagram representing the hardware/software mapping of the system.

3.1 Design Goals

Design goals are the qualities that the system should focus on. Many design goals can be inferred from the non-functional requirements or from the application domain.

User friendly: The system is user friendly because it is easy to use and understand.

Reliability: Proper checks are there for any failure in the system if they exist.

3.2 System Design

The overall aim of the project is to reduce the manual work and provide the overall information and content to the citizens. The Gram panchayat management system design consists of registration of a citizen, login through the individuals Aadhar number and the password provided during the registration which ensures security of an individual's profile, various kinds of bills payments are available in the system, the transaction history of individual is also provided which avoids the confusion for the user.

3.3 UML Diagrams:

A UML diagram is a diagram based on the UML (Unified Modelling Language) with the purpose of visually representing a system along with its main actors, roles, actions, classes, in order to better understand, alter, maintain, or document information about the system.

UML is a modern approach to modelling and documenting software. In fact, it's one of the most popular business process modelling techniques. It is based on diagrammatic representations of software components. As the old proverb says: "a picture is worth a thousand words". By using visual representations, we are able to better understand possible flaws or errors in software or business processes.

Mainly UML has been used as a general-purpose modelling language in the field of software engineering. However, it has row found its way into the documentation of several business processes or workflows. For example, activity
diagrams, a type of UML diagram, can be used as a replacement for flowcharts. They provide both a more standardized way of modelling workflows as well as a wider range of features to improves readability.

3.4 Use Case Diagram:

In the Unified Modelling Language (UML), a use case diagram can summarize the details of your system's users (also known as actors) and their interactions with the system. To build one, use a set of specialized symbols and connectors. An effective use case diagram can help the team discuss and represent:

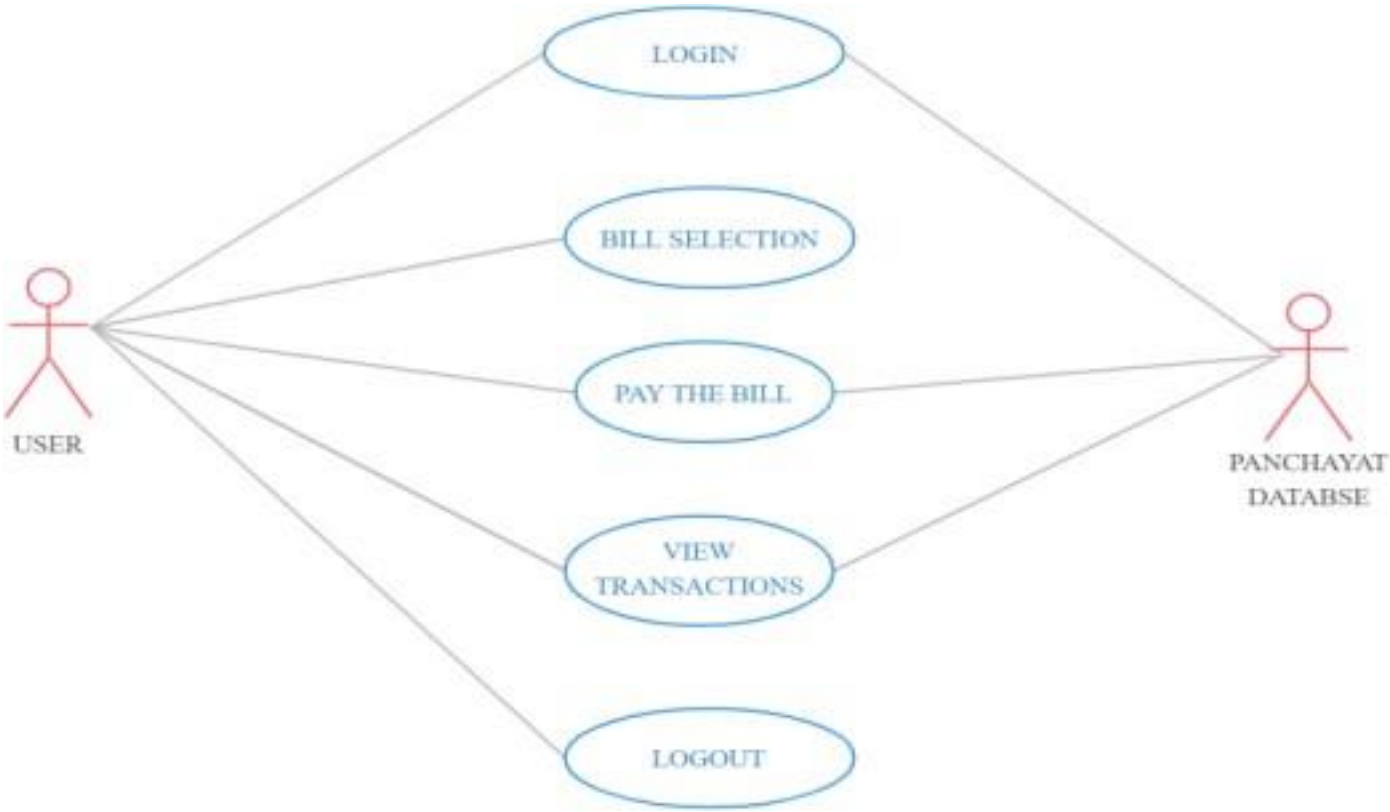
- Scenarios in which system or application interacts with people, organizations, or external systems.
- Goals that your system or application helps those entities (known as actors) achieve.
- The scope of the system.

UML use case diagrams are ideal for:

• Representing the goals of system-user interactions.

• Defining and organizing functional requirements in a system. • Specifying the context and requirements of a system.

• Modelling the basic flow of events in a use case.



4.CREATING AND RUNNING WEB APPLICATION

4.1 DEVELOP HTML PAGES:

Web Pages can be created and modified by using professional HTML editors. However, for learning HTML, we recommend a simple text editor like Notepad. Follow the three steps below to create your first HTML page:

Step 1: Open Notepad (windows)

Windows 8 or later: Open the Start Screen (the window symbol at the bottom left on your screen).

Type Notepad.

Windows 7 or before: Open Start>Programs>Accessories>Notepad Then it

opens a new document to place the code.

Step 2: Write HTML and save the file. Write some HTML code in the respective text editor and save in any directory, with an extension ".HTML" and set encoding to (UTF-8) which is preferred encoding for HTML pages.

Step 3: View the HTML page on the browser. Open the saved HTML file in your favourite browser (double click on the file, or right-click and choose "open with").

4.2 Coding Approach

There are two major approaches for coding any software system. They are Top-Down approach and bottom up approach.

Bottom-up Approach can best suit for developing the object-oriented systems. During system design phase, we decompose the system into an appropriate number of subsystems, for which objects can be modelled independently. These objects exhibit the way the subsystems perform their operations.

Once objects have been modelled, they are implemented by means of coding. Even though related to the same system as the objects are implemented of each other, the Bottom-Up approach is more suitable for coding these objects. In this approach, we first do the coding of objects independently and then we integrate these modules into one system to which they belong.

5. Implementation of Project:

5.1 Module-1: Log In /Sign Up

This module is the main page for our website, in this user will login or sign in into his/her account for further usage.

5.2 Module-2: Home Page

In this module, user can select the type of bill for further usage. The menu consists of Electric bill, phone bill, water bill, Transaction history and logout.

5.3 Module-3: Payment

In this module, user can do payments for his/her individual bills and the details of the payment can be viewed once the payment is done.

5.4 Module-4: Bills

There are 3 different bills available for the users, they are Electricity bill, Water bill, Phone bill. Each consists fields that represent a specific bill of an individual.

6. SQL TABLES CREATION

In this, we used MYSQL database for storing and retrieving the data from the above modules, as required. We created some tables as per the requirements in the schema and named that schema as registration.
This schema includes 2 tables namely-

- **Registration table**

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "project";
try {
    $conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);
    // set the PDO error mode to exception
    $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
    // sql to create table
    $sql = "CREATE TABLE registration (
    id INT(6) UNSIGNED AUTO_INCREMENT PRIMARY KEY,
    name VARCHAR(50) NOT NULL,
    phone VARCHAR(20) NOT NULL UNIQUE,
    email VARCHAR(50) NOT NULL UNIQUE,
    gender ENUM('m','f','o') NOT NULL,
    panchayat VARCHAR(50) NOT NULL,
    password VARCHAR(20) NOT NULL UNIQUE
    )";

    // use exec() because no results are returned
    $conn->exec($sql);
    echo "Table Registration created successfully";
    }
catch(PDOException $e)
    {
    echo $sql . "<br>" . $e->getMessage();
    }
conn = null;
?>
```

name	phone	email	gender	panchayat	password
test	7995	test@gmail.com	m	new	test
Harshit	7995529807	harshitbobbadi@gmail.com	m	Vizag	Harshu
Anjanaa	7995529808	bobbadi@gmail.com	f	Vizag	Anju
maharshi	7995529899	maha@gmail.com	m	Vizag	maha

- **Transaction table:**

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "project";
try {
    $conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);
    // set the PDO error mode to exception
    $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);

    // sql to create table
    $sql = "CREATE TABLE bills(
    id INT(6) UNSIGNED AUTO_INCREMENT PRIMARY KEY,
    email VARCHAR(50) NOT NULL,
     water_tax VARCHAR(20) NOT NULL,
    house_tax VARCHAR(20) NOT NULL,
    phone_bill VARCHAR(20) NOT NULL,
    wealth_tax VARCHAR(20) NOT NULL,
    electricity_bill VARCHAR(20) NOT NULL
   )";

    // use exec() because no results are returned
    $conn->exec($sql);
    echo "Table Bills created successfully";
    }
catch(PDOException $e)
    {
    echo $sql . "<br>" . $e->getMessage();
    }
conn = null;
?>
```

id	email	water_tax	house_tax	phone_bill	wealth_tax	electricity_bill
1	harshitbobbadi@gmail.com	0	0	434	0	0
2	harshitbobbadi@gmail.com	0	1433	0	0	0
3	harshitbobbadi@gmail.com	0	0	0	0	171
4	harshitbobbadi@gmail.com	0	0	889	0	0
5	harshitbobbadi@gmail.com	994	0	0	0	0

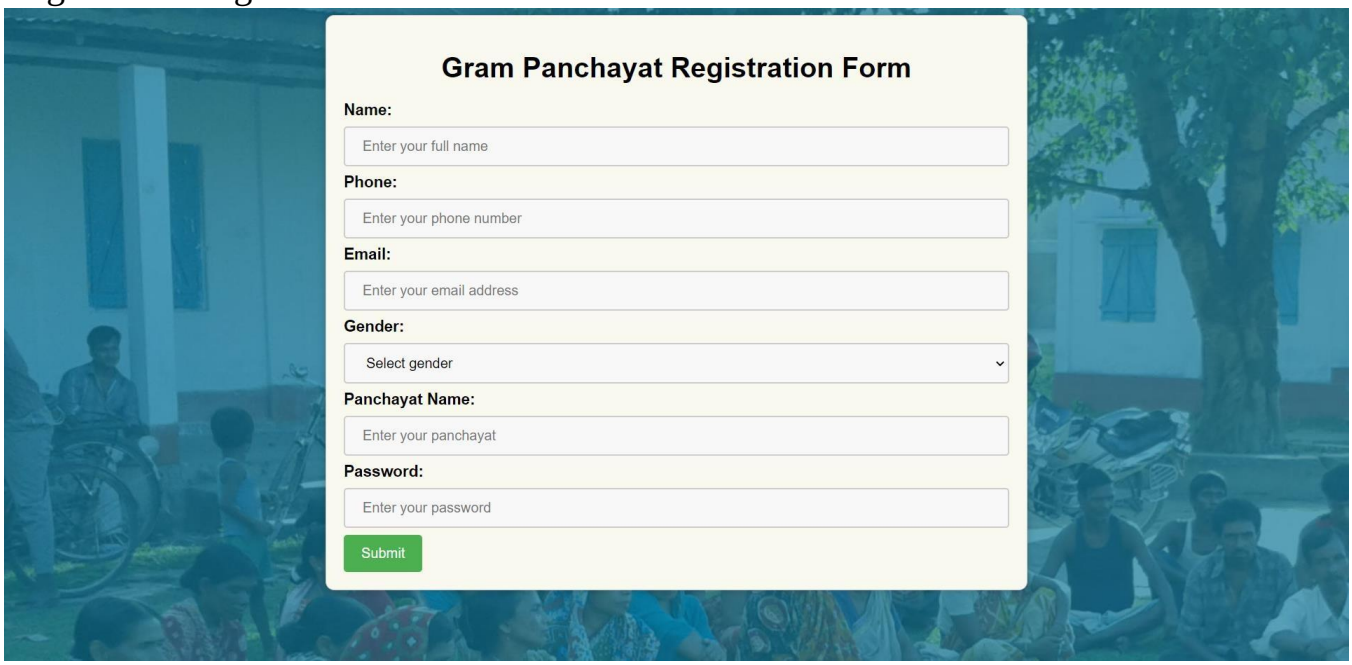
Using the above two table we utilize our project data.

7. Results

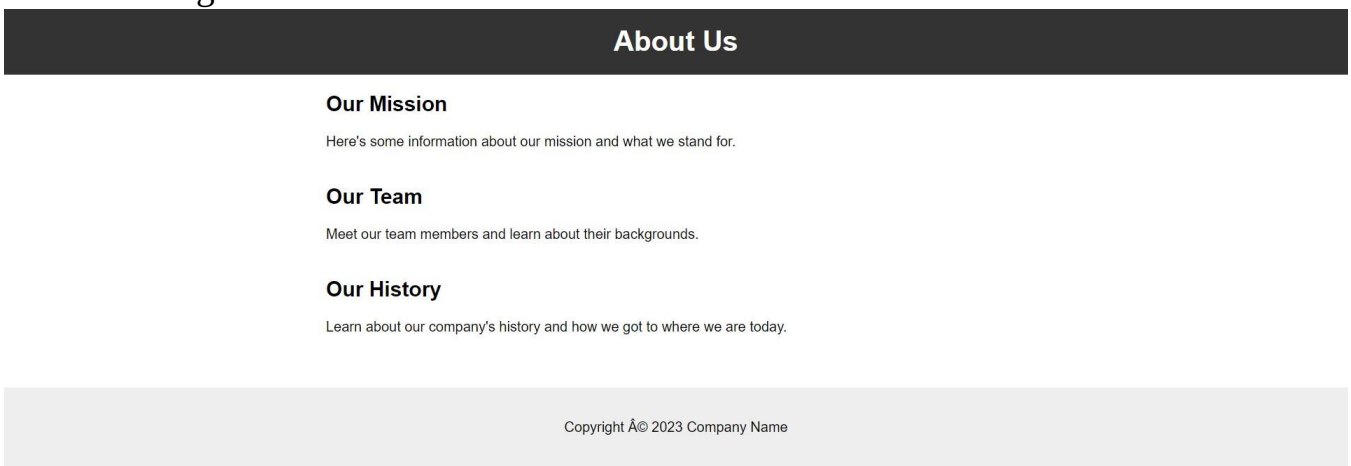
Homepage:

Login page:

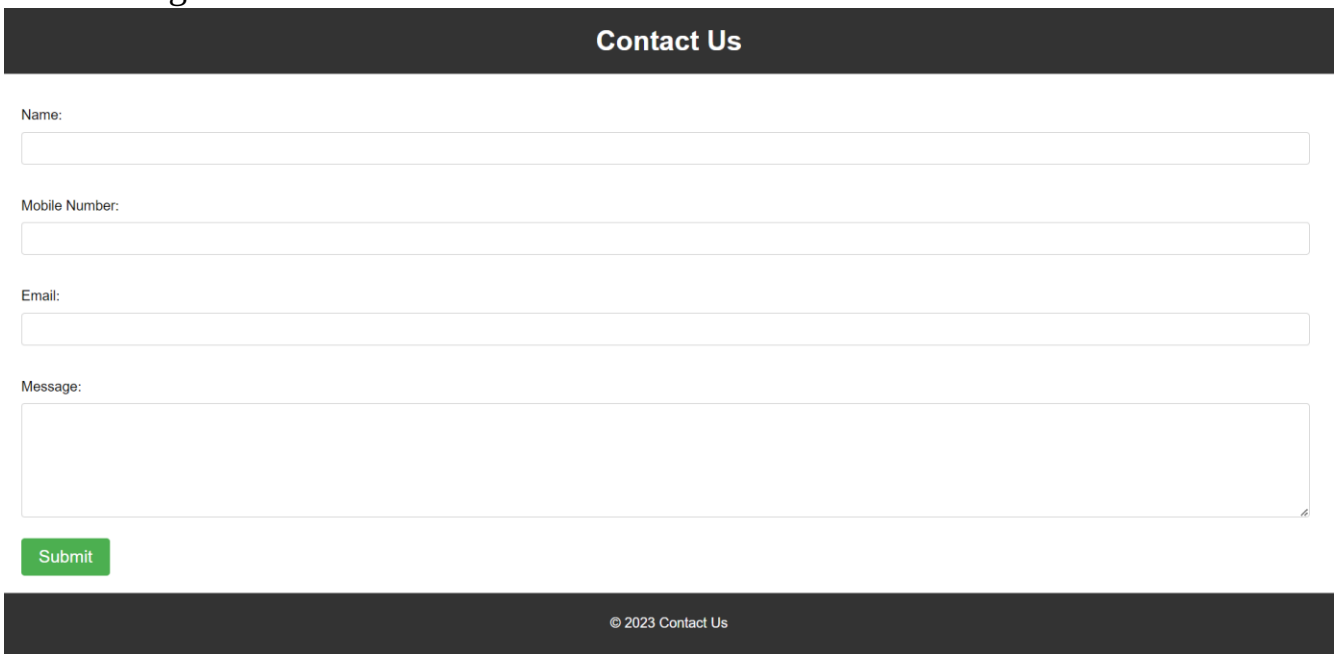
Registration Page:



About Us Page:

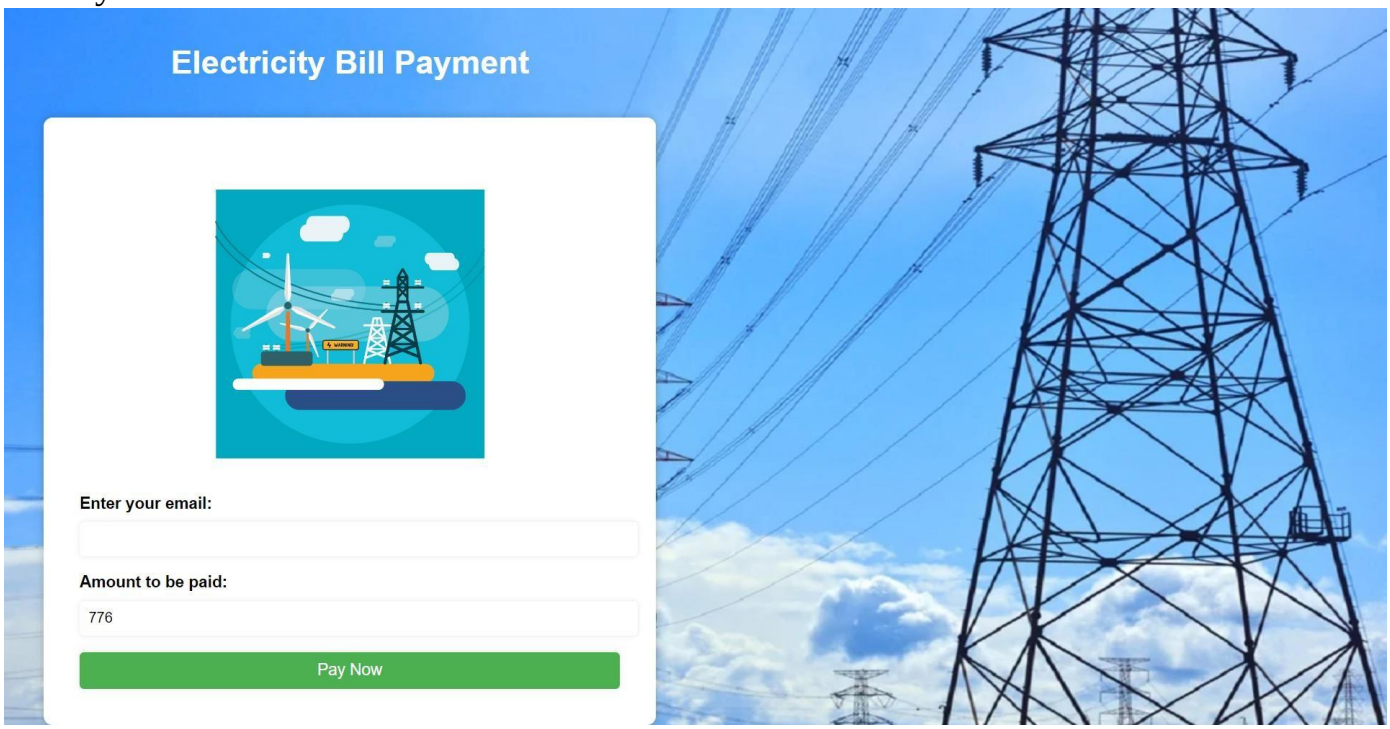


Contact Page:

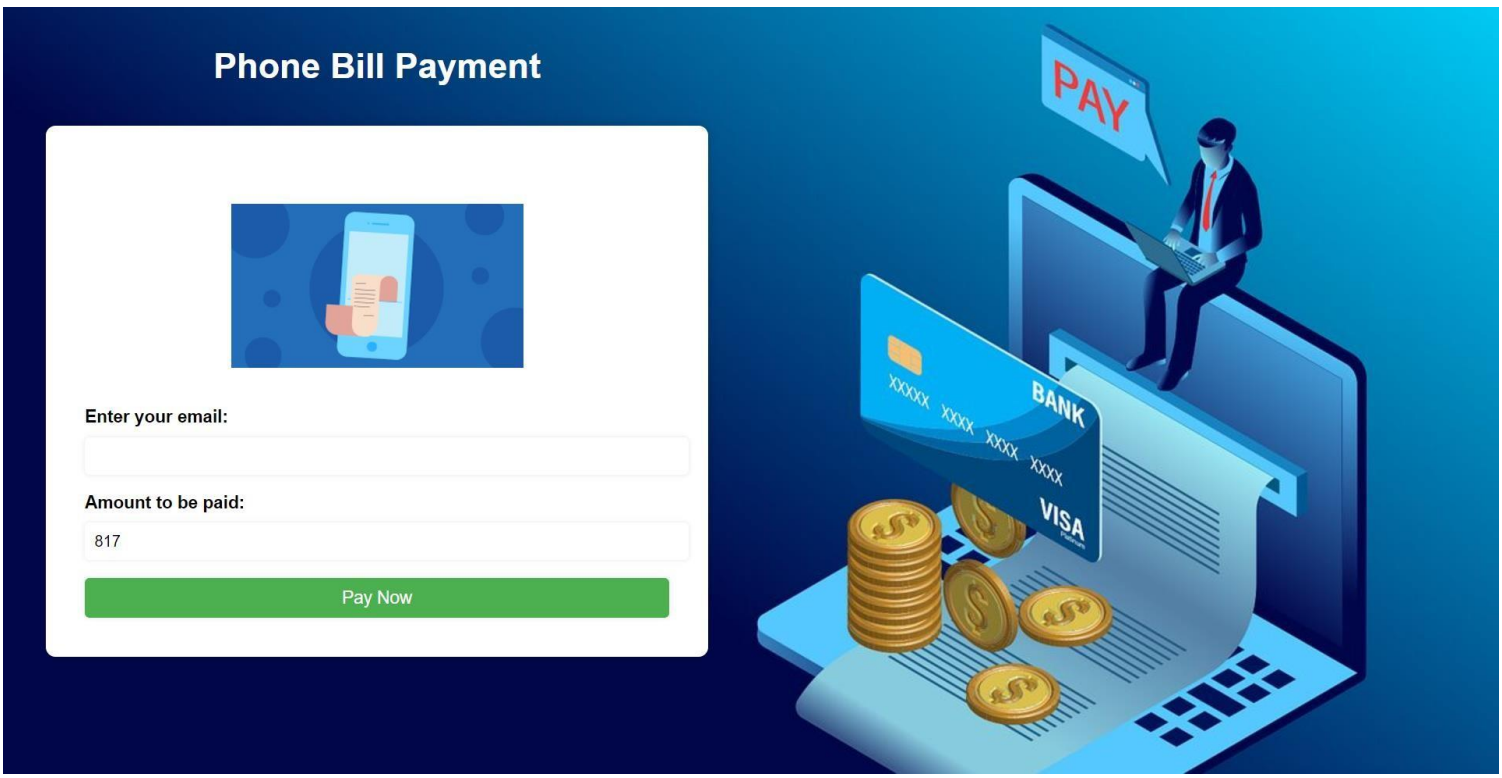


Bills Menu Page:

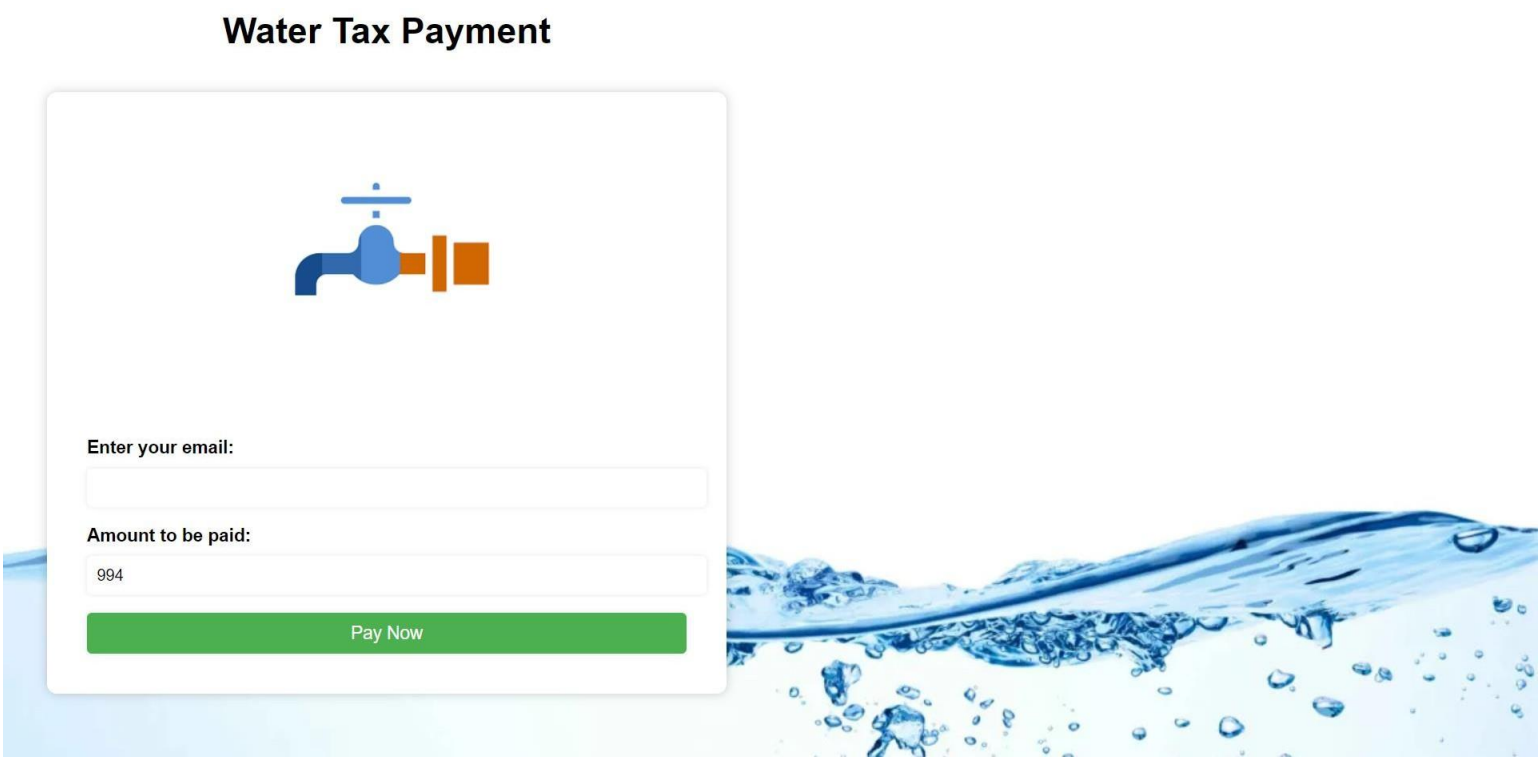
Electricity Bill:



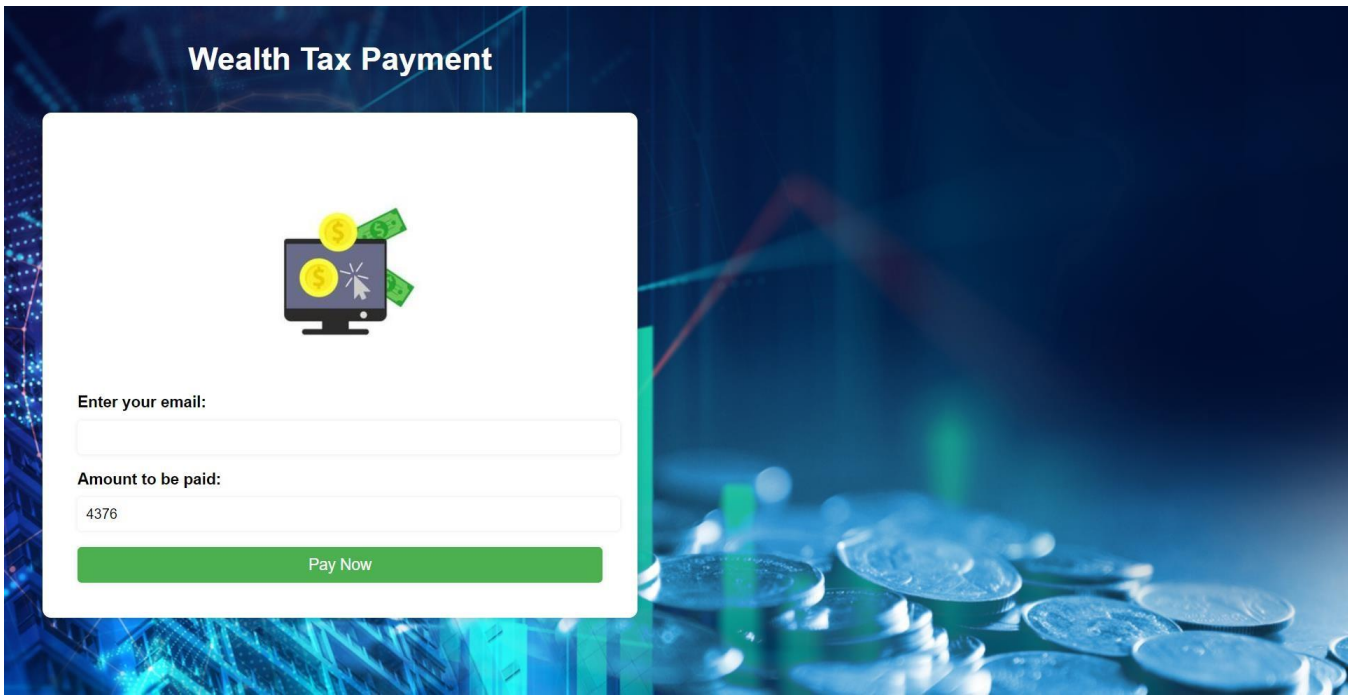
Phone Bill:



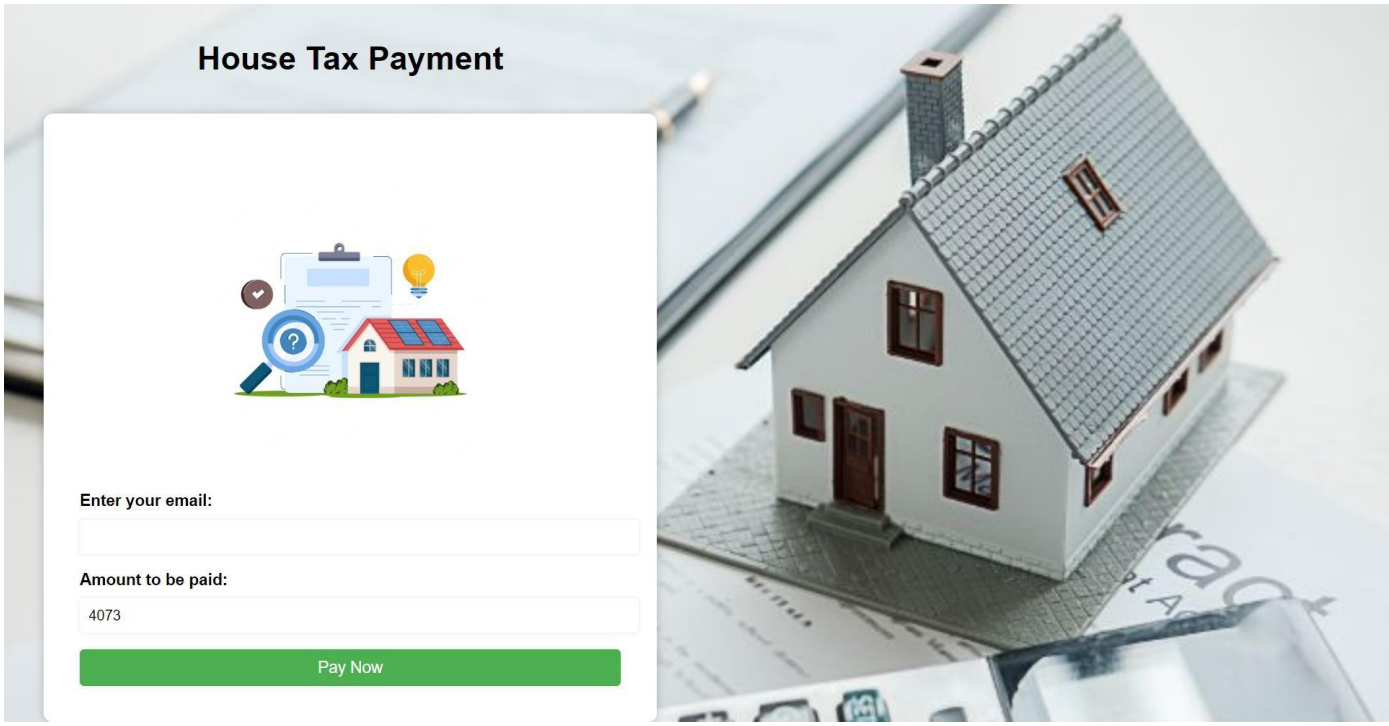
Water Bill:



Wealth Tax:



House Tax:



Transaction Successful Message:

You have successfully made the payment. Redirecting to home page in 3 seconds...

8. Source Codes

homepage.html

```
<html>
<head>
   <meta charset="UTF-8">
   <title>Gram Panchayat</title>
   <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;600;700;900&display=swap"
rel="stylesheet">
   <link rel="stylesheet" href="homepage_style.css">
</head>
<body>
   <header>
   <div class="wrapper">
      <div class="logo">
         <img    src="https://seeklogo.com/images/M/madhay-pradesh-panchayat-gram-logo-A4166719CE-
seeklogo.com.png" alt="">
      </div>
<ul class="nav-area">
<li><a href="#">Home</a></li>
<li><a href="about_us.html">About Us</a></li>
<li><a href="contact.html">Contact</a></li>

</ul>
</div>
<div class="welcome-text">
      <h1>
         E-Gram <span>Panchayat</span></h1>
<a href="register.HTML">Register</a>
<a href="login.php">Login</a>
   </div>
</header>
</body>
</html>
```

registration.html

```
<html>
<head>
    <title>Gram Panchayat Registration Form</title>
    <style>
            form {
                    width: 50%;
                    margin: auto;
```

```
            padding: 20px;
            border: 1px solid #ccc;
            border-radius: 10px;
            box-shadow: 0 0 10px rgba(0, 0, 0, 0.2);
            font-family: Arial, sans-serif;
            background-color: #faf9f0;
        }

        input[type=text], select {
            width: 100%;
            padding: 12px 20px;
            margin: 8px 0;
            box-sizing: border-box;
            border: 2px solid #ccc;
            border-radius: 4px;
            background-color: #f8f8f8;
            font-size: 16px;
        }

        input[type=submit] {
            background-color: #4CAF50;
            color: white;
            padding: 12px 20px;
            border: none;
            border-radius: 4px;
            cursor: pointer;
            font-size: 16px;
        }

        input[type=submit]:hover {
            background-color: #45a049;
        }

        h1 {
            text-align: center;
            color: black;
            margin-bottom: 20px;

        }

        label {
            font-size: 18px;
            font-weight: bold;
        }
        body{
            background-image:              url("https://www.panchayatportals.gov.in/NPP-parallax-
theme/images/custom/banner.jpg");
        }
    </style>
```

```
</head>
<body>
    <form action="connectregister.php" method="post">
            <h1>Gram Panchayat Registration Form</h1>
            <label for="name">Name:</label>
            <input type="text" id="name" name="name" placeholder="Enter your full name" required>

            <label for="phone">Phone:</label>
            <input type="text" id="phone" name="phone" placeholder="Enter your phone number" required>

            <label for="email">Email:</label>
            <input type="text" id="email" name="email" placeholder="Enter your email address" >

            <label for="gender">Gender:</label>
                <select id="gender" name="gender" required>
                    <option value="">Select gender</option>
                    <option value="m">Male</option>
                    <option value="f">Female</option>
                    <option value="o">Others</option>
                </select>

            <label for="panchayat">Panchayat Name:</label>
            <input type="text" id="panchayat" name="panchayat" placeholder="Enter your panchayat" required>

            <label for="password">Password:</label>
            <input type="text" id="password" name="password" placeholder="Enter your password" required>

            <input type="submit" value="Submit">
    </form>
</body>
</html>
```

registration.css

```
* {
    margin: 0;
    padding: 0;
}
body {
    font-family: 'Poppins', sans-serif;
}
.wrapper {
    width: 1170px;
    margin: auto;
```

```
}
header {
    background: linear-gradient(rgba(0, 0, 0, 0.6), rgba(0, 0, 0, 0.6)), url(https://s3.youthkiawaaz.com/wp-content/uploads/2019/12/21101914/Gram-Panchayat-FB.jpg);
    height: 100vh;
    -webkit-background-size: cover;
    background-size: cover;
    background-position: center center;
    position: relative;
}
.nav-area {
    float: right;
    list-style: none;
    margin-top: 30px;
}
.nav-area li {
    display: inline-block;
}
.nav-area li a {
    color: #fff;
    text-decoration: none;
    padding: 5px 20px;
    font-family: poppins;
    font-size: 16px;
    text-transform: uppercase;
}
.nav-area li a:hover {
    background: #fff;
    color: #333;
}
.logo {
    width: 100px;
    float: left;
}
.logo img {
    width: 100%;
    padding: 25px 10px;
}
.welcome-text {
    position: absolute;
    width: 600px;
    height: 300px;
    margin: 20% 30%;
    text-align: center;
}
.welcome-text h1 {

    color: #fff;
    text-transform: uppercase;
```

```
    font-size: 60px;
}
.welcome-text h1 span {
    color: #00fecb;
}
.welcome-text a {
    border: 1px solid #fff;
    padding: 10px 25px;
    text-decoration: none;
    text-transform: uppercase;
    font-size: 14px;
    margin-top: 20px;
    display: inline-block;
    color: #fff;
}
.welcome-text a:hover {
    background: #fff;
    color: #333;
}
```

login.php

```
<?php

session_start();

if(isset($_POST['email']) && isset($_POST['password'])){
   $email = $_POST['email'];
   $password = $_POST['password'];

   // Create connection
   $conn = new mysqli('localhost','root','','project');

   // Check connection
   if ($conn->connect_error) {
      die("Connection failed: " . $conn->connect_error);
   }

   $sql = "SELECT * FROM registration WHERE email='$email' AND password='$password'";
   $result = $conn->query($sql);

   if ($result->num_rows == 1) {
      // Login successful, store user details in session
      $row = $result->fetch_assoc();
      $_SESSION['user_id'] = $row['id'];
      $_SESSION['user_name'] = $row['name'];
      // Redirect to dashboard or home page
      header("Location: new.html");
```

```
        exit();
    } else {
        // Login failed, show error message
        //Redirect to login page with a message after a 3-second delay
                header("refresh:3;url=login.php");
                echo "Incorrect EmailID or Password. Redirecting to login page in 3 seconds...";
    }

    $conn->close();
}

?>

<html>
<head>
    <title>Gram Panchayat Login Form</title>

                <style>
                form {
                        width: 50%;
                        margin: auto;
                        padding: 20px;
                        border: 1px solid #ccc;
                        border-radius: 10px;
                        box-shadow: 0 0 10px rgba(0, 0, 0, 0.2);
                        font-family: Arial, sans-serif;
                        background-color: #faf9f0;
                }

                input[type=text], select {
                        width: 100%;
                        padding: 12px 20px;
                        margin: 8px 0;
                        box-sizing: border-box;
                        border: 2px solid #ccc;
                        border-radius: 4px;
                        background-color: #f8f8f8;
                        font-size: 16px;
                }

                input[type=submit] {
                        background-color: #4CAF50;
                        color: white;
                        padding: 12px 20px;
                        border: none;
                        border-radius: 4px;
                        cursor: pointer;
                        font-size: 16px;
                }
```

```
        input[type=submit]:hover {
            background-color: #45a049;
        }

        input[type=reset] {
            background-color: #4CAF50;
            color: white;
            padding: 12px 20px;
            border: none;
            border-radius: 4px;
            cursor: pointer;
            font-size: 16px;
        }

        input[type=reset]:hover {
            background-color: #45a049;
        }

        h1 {
            text-align: center;
            color: black;
            margin-bottom: 20px;
        }

        label {
            font-size: 18px;
            font-weight: bold;
        }

        body{
            background-image: url("https://www.panchayatportals.gov.in/NPP-parallax-theme/images/custom/banner.jpg");
        }
    </style>
</head>
<body>
    <form method="post">
        <h1>Gram Panchayat Login Form</h1>

        <label for="email">Email:</label>
        <input type="text" id="email" name="email" placeholder="Enter your email" required>


        <label for="password">Password:</label>
        <input type="text" id="password" name="password" placeholder="Enter your password" required>

        <input type="reset" value="Reset">
```

```
            <input type="submit" value="Submit">
    </form>
</body>
</html>
```

contact.html

```
<!DOCTYPE html>
<html>
<head>
    <title>About Us</title>
    <link rel="stylesheet" type="text/css" href="about_us_style.css">
</head>
<body>
    <header>
            <h1>About Us</h1>
    </header>
    <main>
            <section>
                    <h2>Our Mission</h2>
                    <p>Here's some information about our mission and what we stand for.</p>
            </section>
            <section>
                    <h2>Our Team</h2>
                    <p>Meet our team members and learn about their backgrounds.</p>
            </section>
            <section>
                    <h2>Our History</h2>
                    <p>Learn about our company's history and how we got to where we are today.</p>
            </section>
    </main>
    <footer>
            <p>Copyright © 2023 Company Name</p>
    </footer>
</body>
</html>
```

aboutUs.html

```
<!DOCTYPE html>
<html>
<head>
    <title>About Us</title>
    <link rel="stylesheet" type="text/css" href="about_us_style.css">
</head>
```

```
<body>
    <header>
        <h1>About Us</h1>
    </header>
    <main>
        <section>
            <h2>Our Mission</h2>
            <p>Here's some information about our mission and what we stand for.</p>
        </section>
        <section>
            <h2>Our Team</h2>
            <p>Meet our team members and learn about their backgrounds.</p>
        </section>
        <section>
            <h2>Our History</h2>
            <p>Learn about our company's history and how we got to where we are today.</p>
        </section>
    </main>
    <footer>
        <p>Copyright © 2023 Company Name</p>
    </footer>
</body>
</html>
```

connectregister.php

```
<?php

//Getting values from form
$name = $_POST['name'];
$phone = $_POST['phone'];
$email = $_POST['email'];
$gender = $_POST['gender'];
$panchayat = $_POST['panchayat'];
$password = $_POST['password'];

// Create connection
//$conn = new mysqli($servername, $username, $password, $dbname);
$conn = new mysqli('localhost','root','','project');

// Check connection
if ($conn->connect_error) {
   die("Connection failed: " . $conn->connect_error);
  }

$sql = "INSERT INTO registration (name, phone, email, gender, panchayat, password) VALUES ('$name',
'$phone', '$email', '$gender', '$panchayat', '$password')";
```

```
if ($conn->query($sql) === TRUE){

      //Redirect to home.html with a success message after a 3-second delay
      header("refresh:3;url=homepage.html");
      echo "You have been registered successfully. Redirecting to the homepage in 3 seconds...";
  }else{
    echo "Error: " . $sql . "<br>" . $conn->error;
  }

  $conn->close();

?>
```

billspage.html

```
<html>
<head>
       <title></title>
       <link rel="stylesheet" href="style.css">

       <link href="https://fonts.googleapis.com/css2?
       family=Roboto:wght@400;700&display=swap" rel="stylesheet">
<style>
*{
    margin: 0;
    padding: 0;
    font-family: 'Roboto',sans-serif;
}

.container{
    width: 100%;
    height: 100%;
    background-image: linear-gradient(rgba(0,0,0,0.7),rgba(0,0,0,0.7)),url(SS.jpg);
    background-position: center;
    background-size: cover;
    padding-left: 8%;
    padding-right: 8%;
    box-sizing: border-box;

}
body {
      background: linear-gradient(rgba(0, 0, 0, 0.6), rgba(0, 0, 0, 0.6)), url(SS.jpg);
      height: 100%;
      -webkit-background-size: cover;
      background-size: cover;
      background-position: center center;
      position: relative;
```

```
}

.navbar{
    height: 40%;
    display: flex;
    align-items: center;
}

nav{
    flex: 1;
    text-align: right;
}


nav ul li{
    list-style: none;
    display:inline-block;
    margin-left: 150px;
    margin-top: 20px;
}
nav ul li a{
    color: #fff;
    font-size: 20px;
    padding: 10px;



}
.row{
    display:flex;
    height: 68%;
    align-items:center;
    transform: translateY(-60%);
}
.col{
    flex-basis:50%;
}
h1{
    color:goldenrod;
    font-size:50px;
    align-items:center;
    transform: translateY(-250%);
}
p{
    color:rgb(255, 255, 255);
    font-size: 20px;
    line-height: 20px;
    transform: translateY(-250%);
}
```

```
.card{
    width: 200px;
    height:230px;
    display:inline-block;
    border-radius: 20px;
    padding: 25px 25px;
    box-sizing: border-box;
    cursor: pointer;
    margin:20px 25px;

    background-position: center;
    background-size: cover;
    transition: transform 0.5s;

}
.card1{
    background-image:url(lolo.jpg);
    transform: translateY(-100%);
}
.card2{
    background-image:url(ht.jpg) ;
    transform: translateY(-100%);
}
.card3{
    background-image:url(pb.jpg) ;
    transform: translateY(-100%);
}
.card4{
    background-image:url(eb.jpg) ;
    transform: translateY(-100%);
}
.card5{
    background-image:url(ic.jpg) ;
    transform: translateY(-100%);
}


.card:hover{
    transform: translateY(-5px);
}
</style>
</head>
<body>
    <div class="container">
        <nav>
            <ul>
                <li><a href="homepage.html">LOGOUT</a></li>

            </ul>
```

```
        </nav>
        <div class="navbar"></div>
    </div>

    <div class="row">
        <div class="col">
            <h1>  Pay Your Bills Now At Your Convenience </h1>
            <p>Check Out Your Pending bills , The Due Dates, Upcoming Taxations , You Can also download
The
                receipts online, Now With The Help Of Our Website Without having to worry too much.

                **This website aims to make communication between the user and the government related taxes
and bills more userfriendly. ** </p>
        </div>
            <div class="col">
                <div class="card card1">
                    <a href="watertax.php"><h2>Water Tax</h2></a>
                </div>
                <div class="card card2">
                    <a href="housetax.php"><h2>House Tax</h2></a>
                </div>
                <div class="card card3">
                    <a href="phonebill1.php"><h2>Phone Bill</h2> </a>
                </div>
                <div class="card card4">
                    <a href="electricitybill.php"><h2>Electricity Bill</h2></a>
                </div>
                <div class="card card5">
                    <a href="wealthtax.php"><h2>Wealth Tax</h2></a>
                </div>


            </div>
        </div>


        </div>
    </div>


</section>

</div>

</body>
</html>
```

phonebillpayment.php

```
<!DOCTYPE html >
<html>
  <head>
    <title>Phone Bill Payment</title>
<style>
      /* CSS styles for the page */
      body {
      background-image:url("https://fatora.io/wp-content/uploads/2022/01/Security-concerns.jpg");
        background-repeat:no-repeat;
        background-size:cover;
        max-width:50%;
        background-color: #f1f1f1;
        font-family: Arial, sans-serif;
        margin: 0;
        padding: 0;
      }

      h1  {
        color:white;
        font-size: 36px;
        margin: 40px 0;
        text-align: center;
      }

      form {
        background-color: #fff;
        border-radius: 10px;
        box-shadow: 0 0 10px rgba(0, 0, 0, 0.2);
        margin: 0 auto;
        max-width: 600px;
        padding: 40px;
      }

      label {
        display: block;
        font-size: 18px;
        font-weight: bold;
        margin-bottom: 10px;
      }

      input[type="text"] {
        border: none;
        border-radius: 5px;
        box-shadow: 0 0 5px rgba(0, 0, 0, 0.1);
        font-size: 16px;
        padding: 10px;
        width: 100%;
```

```
      }

      input[type="submit"] {
        background-color: #4CAF50;
        border: none;
        border-radius: 5px;
        box-shadow: 0 0 5px rgba(0, 0, 0, 0.1);
        color: #fff;
        cursor:  pointer;
        font-size: 18px;
        padding: 10px;
        transition: background-color 0.3s ease;
        width: 100%;
      }

      input[type="submit"]:hover {
        background-color: #3e8e41;
      }
    </style>
  </head>
  <body>
    <h1>Phone Bill Payment</h1>
    <form action="process_payment_ph.php" method="POST">
      <img                    src="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcTZOEKdcWrQ-
iDjHpzXRFv1HKG4dq2kcGk_yQ&usqp=CAU" alt="Phone" style="display: block; margin: 40px auto;
max-width: 300px;">

      <label for="email">Enter your email:</label>
      <input type="text" id="email" name="email" ><br><br>

      <label for="amount">Amount to be paid:</label>
      <input type="text" id="amount" name="amount" value="<?php echo rand(100, 1000); ?>"><br><br>
      <input type="submit" value="Pay Now">
    </form>
  </body>
</html>
```

processpayment.php

```
<?php
// Get the amount from the form submission
$amount = $_POST['amount'];

// Create connection
$conn = new mysqli('localhost','root','', 'project');

// Check connection
if ($conn->connect_error) {
```

```
  die("Connection failed: " . $conn->connect_error);
}

// Prepare and bind the SQL statement
$stmt = $conn->prepare("INSERT INTO bills (phone_bill) VALUES (?)");
$stmt->bind_param("i", $amount);

// Execute the SQL statement
$stmt->execute();

// Close the statement and connection
$stmt->close();

$conn->close();

header("refresh:3;url=new.html");
echo "You have successfully made the payment. Redirecting to home page in 3 seconds...";

?>
```