**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**“Jnanasangama”, Belagavi-590018, Karnataka**

****

**BANGALORE INSTITUTE OF TECHNOLOGY**

**K.R. Road, V.V.Puram, Bangalore-560 004**



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**DATABASE MANAGEMENT SYSTEM MINI PROJECT**

**18CSL58**

**“PAPER SELLING COMPANY DATABASE MANAGEMENT”**

**Submitted By**

**Raj Kamal**

**1BI18CS118**

**for the academic year 2020-21**

**Department of Computer Science & Engineering**

**Bangalore Institute of Technology**

**K.R. Road, V.V.Puram, Bangalore-560 004**

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**Department of Computer Science & Engineering**

***Certificate***

This is to certify that the implementation of **DBMS MINI PROJECT** entitled   
**“TRUECALLER”** has been successfully completed by

**USN:1BI18CS118**

**NAME: RAJ KAMAL**

of V semester B.E. for the partial fulfillment of the requirements for the Bachelor's degree in Computer Science & Engineering of the Visvesvaraya Technological University during the academic year 2020-2021.

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Raj Kamal

1BI18CS118

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**CHAPTER-1**

**INTRODUCTION**

**INTRODUCTION**

**1.1 Introduction**

This is a web-app keeps track of contact numbers and associated details. Fundamentally it holds records for all users as well as their contacts. Its aims are:

* A person can gather information about any unknown number.
* It helps to know whether a number is authentic or a spam
* The database is build using crowd-source so a person using the application also helps building it.
* It can also provide services like searching for numbers according to professions or areas.

**1.2 PROBLEM STATEMENT**

This Project aims avoiding anonymity by allowing people to look up for any unknown number they wish to find by using True-caller database. This helps to search numbers by professions and beware users of spam numbers.

**CHAPTER-2**

**BACK-END DESIGN**

**BACK END DESIGN**

**2.1 ER-DIAGRAM**

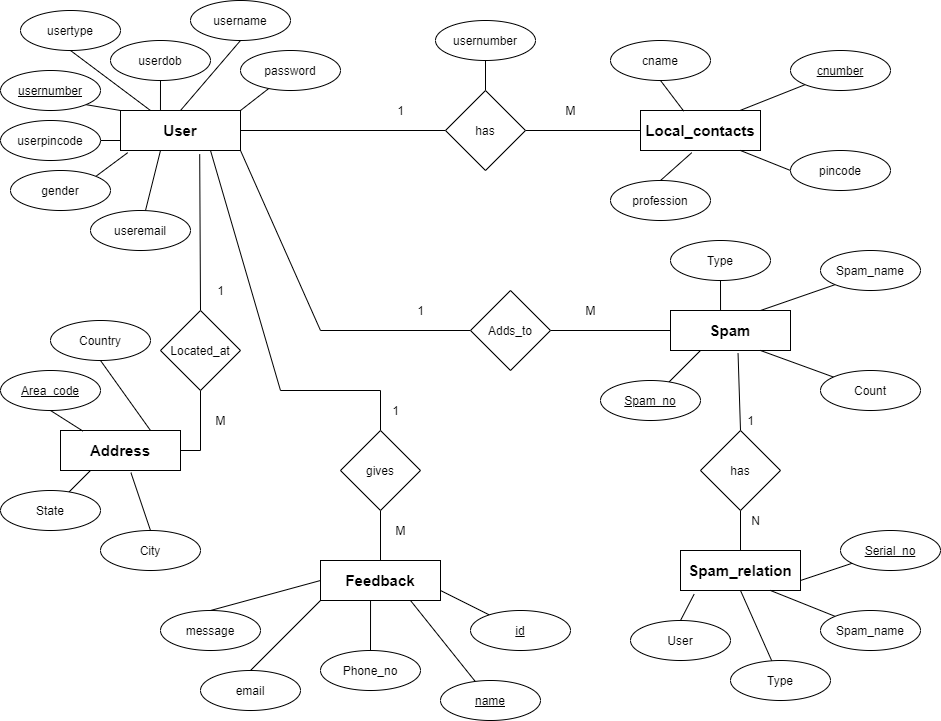
****

Figure 2.1.1: Er-Diagram

# 2.2 ER TO RELATION MAPPING

Figure 2.1.2: Er to relational mapping

**2.3 NORMALIZATION**

**USER**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **USER\_NUMBER** | **USER\_TYPE** | **USER\_NAME** | **EMAILID** | **GENDER** | **DOB** | **PASSWORD** | **PINCODE** |

**FUNCTIONAL DEPENDENCIES**

CANDIDATE KEY: USER\_NUMBER

USER\_NUMBER -> {USER\_NUMBER, USER\_TYPE, USER\_NAME, EMAILID, GENDER, DOB, PASSWORD, PINCODE}

**JUSTIFICATION**

* From the above dependencies we can observer that the User relation is in 1NF as all the attributes are atomic in nature.
* It is also in 2NF as all the non-prime attributes are entirely functionally dependent on the prime attribute USER\_NUMBER and there is no partial dependency.
* The relation is also in 3NF as there are no transitive dependency between prime and non-prime attributes as USER\_NUMBER directly determines each non-prime.

**LOCAL\_CONTACTS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CONTACT\_NUMBER** | **CNAME** | **PROFESSION** | **USERID** | **PINCODE** |

**FUNCTIONAL DEPENDENCIES**

CANDIDATE KEY: CONTACT\_NUMBER

CONTACT\_NUMBER -> {CONTACT\_NUMBER, CNAME, PROFESSION, USERID, PINCODE}

**JUSTIFICATION**

* The relation is in 1NF as all attributes are atomic.
* The relation is in 2NF as all non-prime attributes are entirely functionally dependent on prime attribute.
* The relation is in 3NF as there are no transitive dependency between prime attribute and non-prime attributes.

**SPAM\_TABLE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SPAM\_NUMBER** | **SPAM\_NAME** | **TYPE** | **COUNT** | **USERID** |

**FUNCTIONAL DEPENDENCIES**

CANDIDATE KEY: SPAM\_NUMBER

SPAM\_NUMBER -> {SPAM\_NUMBER, SPAM\_NAME, TYPE, COUNT, USERID}

**JUSTIFICATION**

* The relation is in 1NF as all attributes are atomic in nature.
* The relation is in 2NF as all non-prime attributes are fully dependent on prime attribute .
* The relation is in 3NF as there is no transitive dependency between non-prime and prime attribute

**LOCATION**

|  |  |  |  |
| --- | --- | --- | --- |
| **PIN\_CODE** | **CITY** | **STATE** | **COUNTRY** |

**FUNCTIONAL DEPENDENCIES**

CANDIDATE KEY: PIN\_CODE

PIN\_CODE -> {PIN\_CODE, CITY, STATE, COUNTRY}

**JUSTIFICATION**

* The relation is in 1NF as all attributes are atomic in nature.
* The relation is in 2NF as the non-prime attributes {CITY, STATE, COUNTRY} are fully dependent on prime attribute PIN\_CODE.
* The relation is in 3NF as there is no transitive dependency between prime and non-prime attributes

**SPAM\_RELATION**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SERIAL\_NO** | **SPAM\_NAME** | **SPAM\_NUMBER** | **TYPE** | **USERID** |

**FUNCTIONAL DEPENDENCIES**

CANDIDATE KEY: SERIAL\_NO

ID -> {SERIAL\_NO, SPAM\_NAME, SPAM\_NUMBER, TYPE, USERID}

**JUSTIFICATION**

* The relation is in 1NF as all attributes are atomic in nature.
* The relation is in 2NF as the non-prime attributes are fully dependent on prime attribute branch id and supplier name
* The relation is in 3NF as there is no transitive dependency on prime attribute branch id and supplier name and non-prime attribute supplier type

**FEEDBACK**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID** | **NAME** | **EMAIL** | **PHONE\_NO** | **SUBJECT** | **MESSAGE** |

**FUNCTIONAL DEPENDENCIES**

**CANDIDATE KEY:** ID

ID -> {ID, NAME, EMAIL, PHONE\_NO, SUBJECT, MESSAGE}

**JUSTIFICATION**

* The relation is in 1NF as all attributes are atomic in nature.
* The relation is in 2NF as prime attribute ID fully determines NAME, EMAIL, PHONE\_NO, SUBJECT and MESSAGE
* The relation is in 3NF as there are no transitive dependency.

**CHAPTER-3**

**FRONT-END DESIGN**

**FRONT END DESIGN**

**3.1 PAGE LAYOUT**

**Front Page with Login**

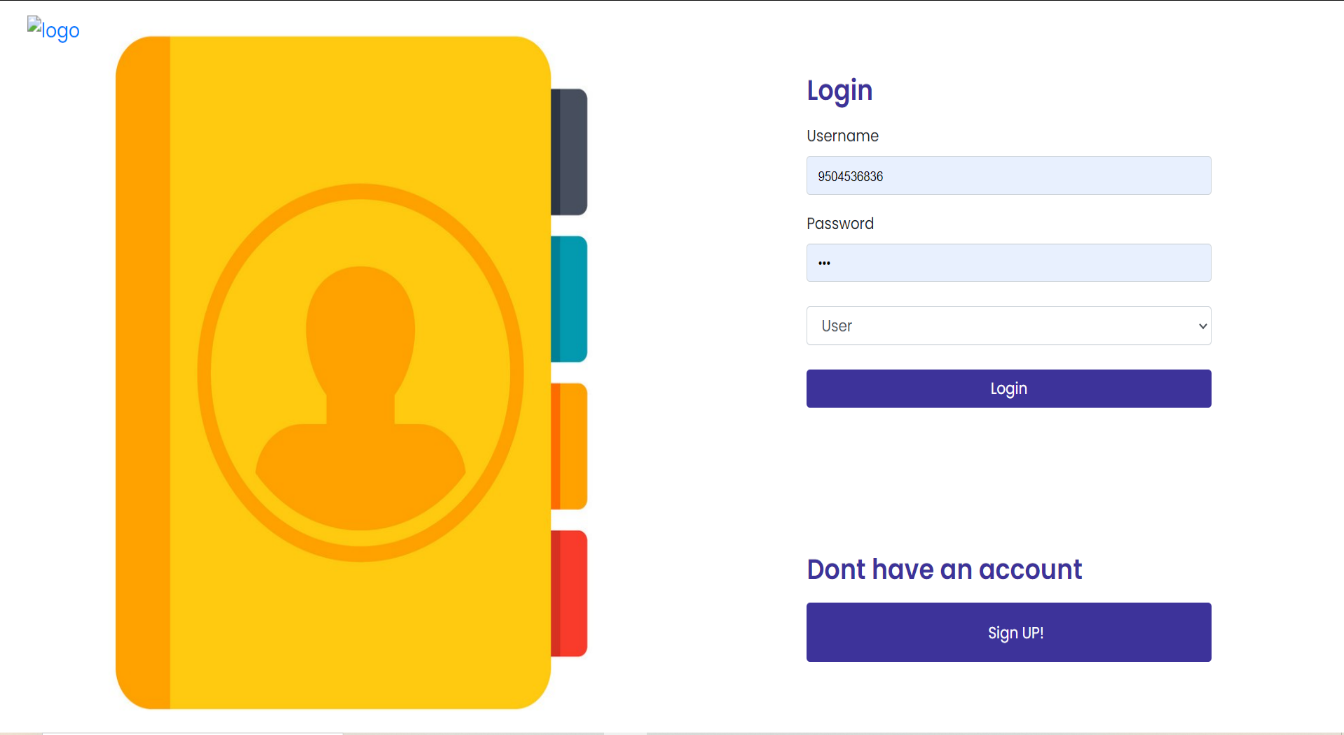
****

Figure 3.1.1: Opening page

First page contains login option for user and administrator.

If the user is a new user then he can sign up for account by clicking on sign up button**.**

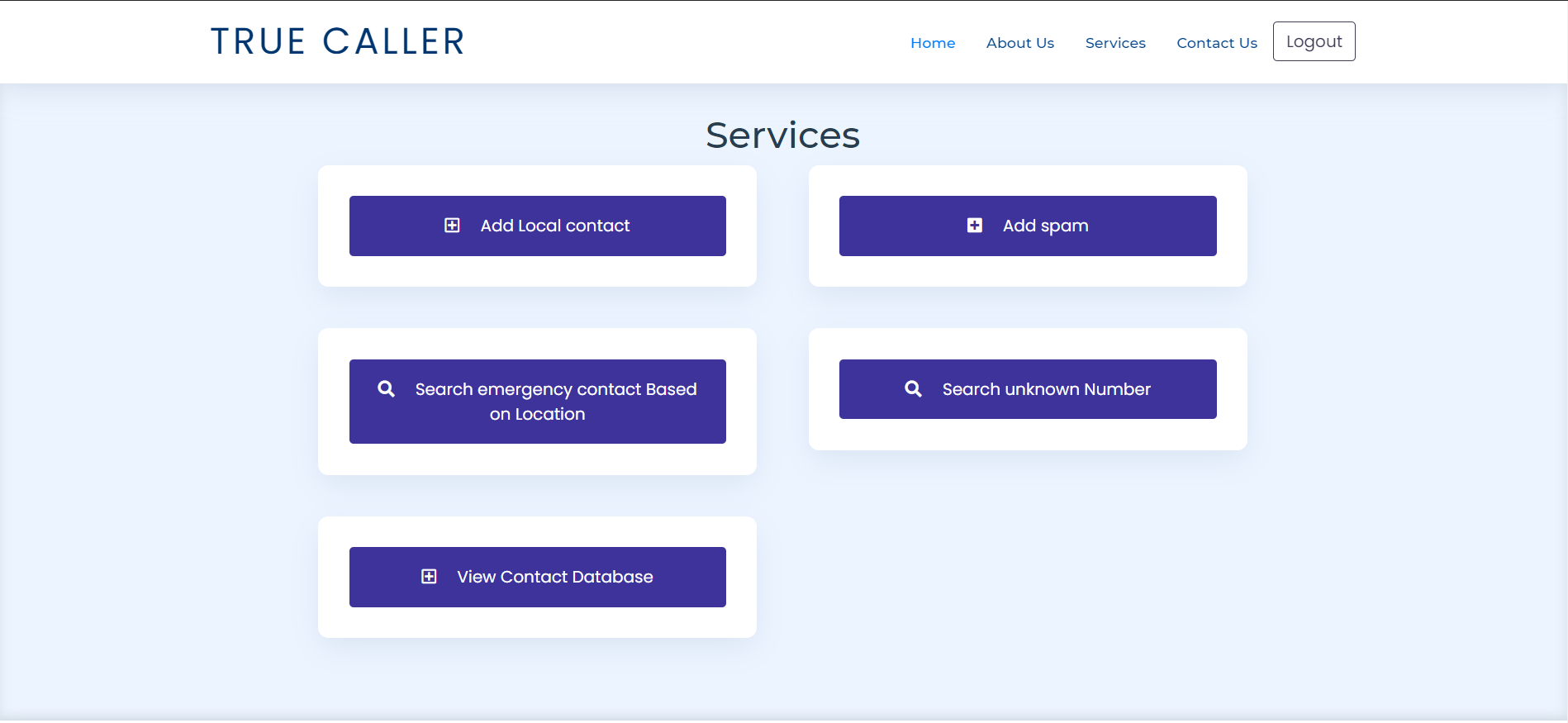
**User Dashboard**

Figure 3.1.2: User Dashboard

Navbar:

It consist of Home, About us, Services and Contact us .

The services section contains the following five fields:

1. Add local contact
2. Add spam
3. Search emergency contact based on location
4. Search an unknown number
5. View Contact Database

Contact us:

It contains the contact detail through which user can reach out to us and give us feedbacks.

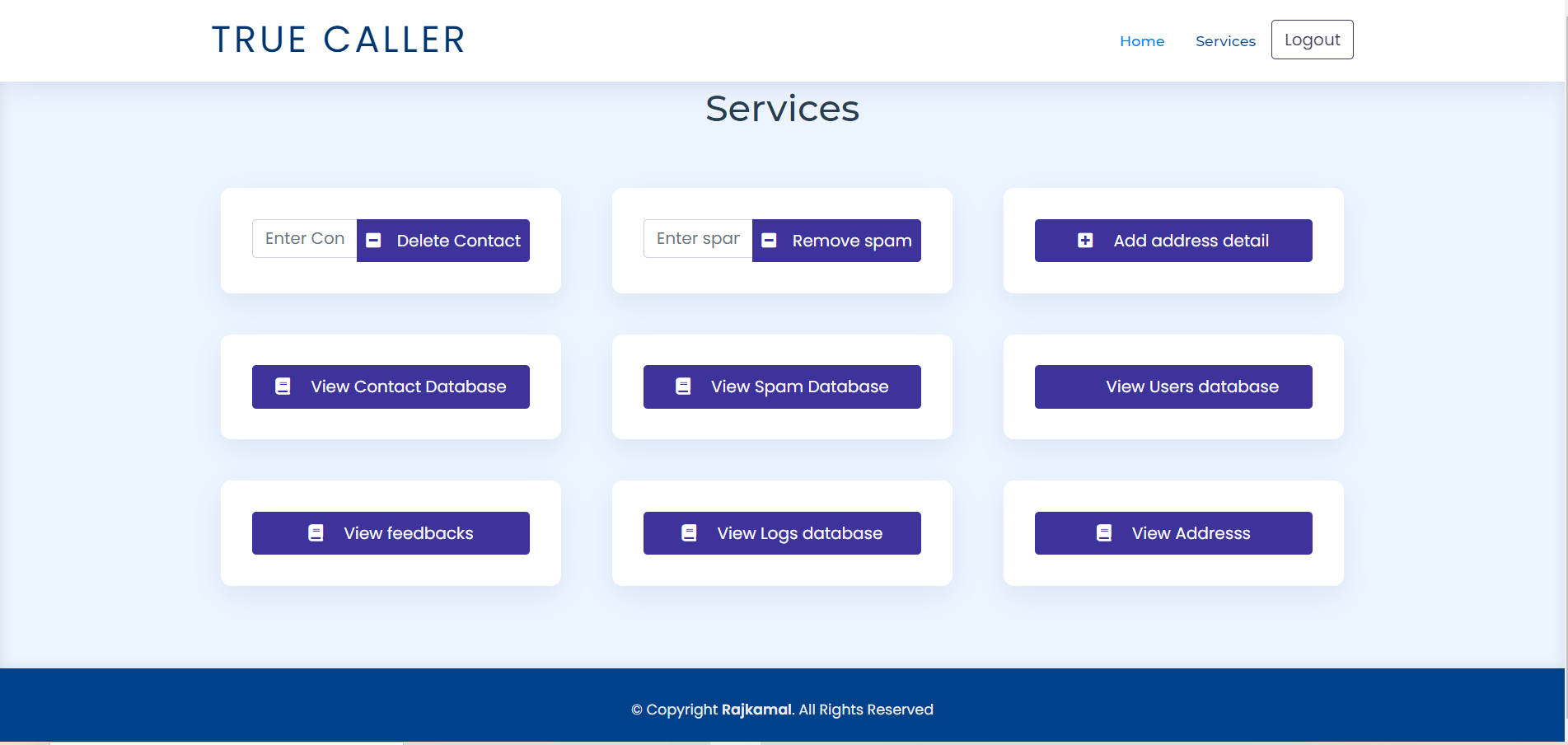
**Admin Dashboard**

Figure 3.1.3: Admin Dashboard

The services available for admin are much more than those available for normal users. These services include:

1. Delete contact
2. Delete spam
3. View spam database
4. View contact database
5. View feedback
6. View logs
7. View address
8. Add address detail
9. View user database

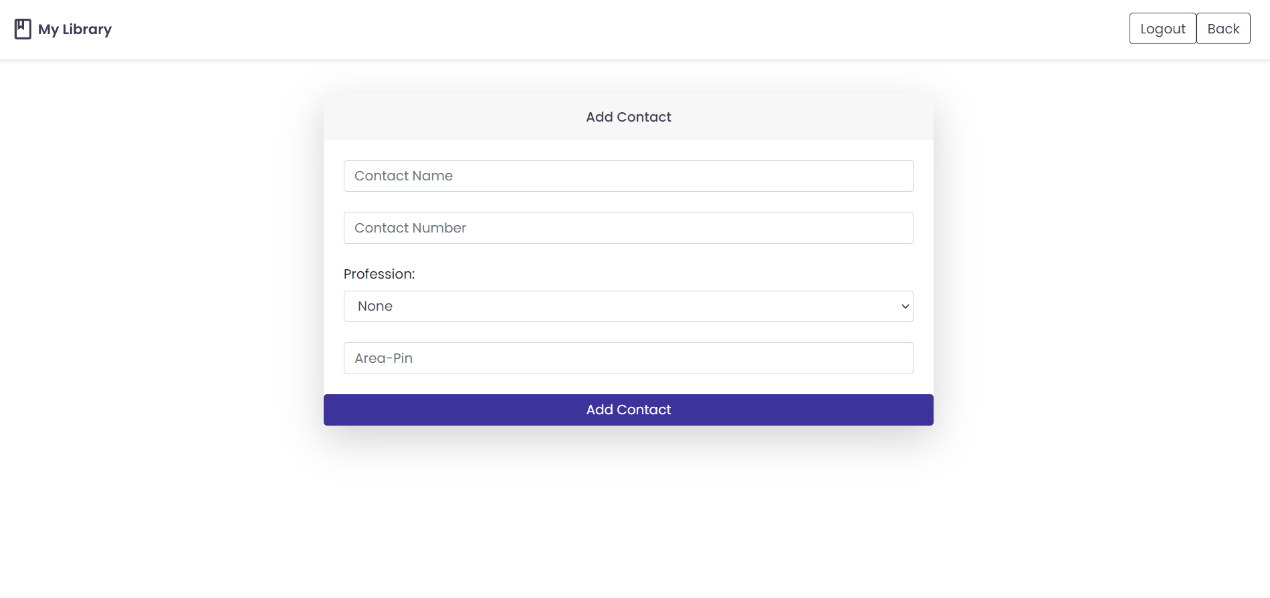
**Adding a Local Contact**

Figure 3.1.4: Adding a local contact

This page consists of the navabar discussed earlier

And the form has 4 input fields and a button

1. Contact name
2. Contact number
3. Profession
4. Area-pin

**SEARCH RESULT**

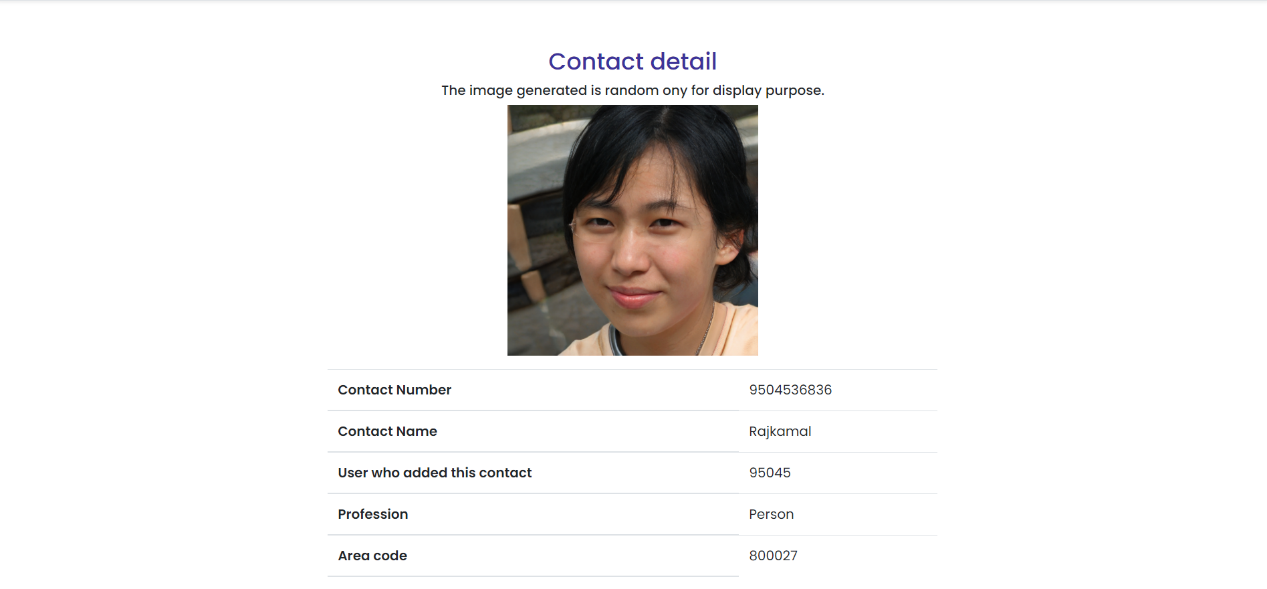


Figure 3.1.5: Contact Detail

The search result page shoes the detailed information about the contact number searched.

The image displayed is a random image its just for display purpose.the details shown are:

1. Contact number
2. Contact name
3. User who added this contact
4. Profession
5. Area code

**3.2 front end and back end connectiviy**

• Create MySQL Database at the localhost.

• Create a Database Called “librarydb”.

• Add all the tables along with the attributes to this database.

• Create a folder in htdocs included in the xampp folder.

• Create a PHP file and add a database connection in the PHP file .

• Run.

**The php script for connecting to a mysql database using the mysqli procedural approach is the following:**

<?php

$servername = "localhost";

$database = "database";

$username = "username";

$password = "password";

// Create connection

$conn = mysqli\_connect($servername, $username, $password, $database);

// Check connection

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

echo “Connected successfully”;

mysqli\_close($conn);

?>

**CHAPTER-4**

**MAJOR MODULES**

**MAJOR MODULES**

**4.1 LOGIN MODULE:**

This module is used by users to sign in to their respective account by typing their user number and password.

The user number and password typed by the user are first compared in the database to see if the userumber exists

And it has the same password as mentioned by the user

The information regarding the login credentials are present in admin\_database table.

Depending on the role mentioned in the admin table regarding the user the user is signed in as an admin or as an ordinaryuser. Here we make use of post request.

Here the usernumber of user is saved in the local storage.

**4.2 SIGN UP MODULE:**

This module is available for new user who does not have a account, they can sing up for a new account using this modle.

This module is used for adding a new user

It takes eight input fields:

Contact number as user number

Name of user

Password

Confirm password

Email

Date of birth

Gender

When we press the add new user button

First passwords in both fields password and confirm password is compared if they are same we move forward then the username and password are compared in the admin table to see if they anyone of them already exists

If that is the case then we tell the user that username or password already exists

Then we compare the username in employee table to check if any such employee exists if they do then we move forward

Finally after all these checks we insert the new user in the admin table. Here we use post request

* 1. **MODULES FOR USER:**

**4.3.1 ADD LOCAL CONTACT:**

This module is used by users to add contact in the database.the contact that they add will be their local contact.the contact details gets stored in the datbase along with user number so that it can be identified which user added which contact.

If the contact already exist in the database the it will show contact already added message.

**4.3.2REPORT SPAM NUMBER:**

Here the user can report any number which they consider as spam. The details of spam number will be added in the spam\_database along with user’s usernumber to identify who reported this as spam.

If the number already exist in spam database then the count for that spam number gets incresed by one. Different users can report same spam number, this will result in increase in count of spam number.

**4.3.3SEARCH AN UNKNOWN NUMBER:** This module lets user search any number the want. If the number turns out to be a spam the it will show details of that spam and also the detail about how many times its reported spam and by whom

If the searched number is a contact of person ,then it will shows detailes information of that person

**4.3.4 SEARCH EMERGENCY CONTACT BASED ON AREA CODE**

This module lets user search contacts based on profession and their area code.if in the database there is details of contact with that profession and that area code then it shows all such cotact details.

* + 1. **SEARCH CONTACT BASED ON CITY AND PROFESSION**

This module lets user search contact based on the city then want to searcch for and on the type of profession .if such contacts are there in database then it returns details of such contacts.

**4.3.6 VIEW LOCAL CONTACT**

This module is used by users to view their local contacts.it means user can see the contact added by them and spam numbers reported by them

**4.3.7 VIEW CONTACT GROUPED BY PROFESSION**

This module lets user view whole contact databased and the contacts are grouped by profession.we are using a procedure to gets contcts lists grouped by profession

* 1. **ADMINISTARTOR MODULES**

**4.4.1 remove a spam number**

This module lets the admin remove any number from spam database.if the spam number is removed then all its details stored in spam\_database and spam\_relation tables are deleted

**4.4.2 REMOVE A CONTACT NUMBER:**

This module lets admin remove any number from contact\_databse.

**4.4.3 VIEW LOG TABLE**

Whenever a new contact or a new spam or a new user joins their joining time gets recored in logs table.admin can view this log table and can decide on removing any number from database

**4.5 GIVING FEEDBACK**

This module is used to give feedback regarding the application .this is available only for normal users

User has to provide their email , name and feedback regarding the application .the user contact number is automatically gets recorded with their message.

**4.6 VIEWING FEEDBACK**

This module is used to view feedback given by different users .this is available only for administator so that he can see other users feedback and improve the application . He can also see the name of the user their email and contact number so that administator can reply them .

**CHAPTER-5**

**IMPLEMENTATION**

**IMPLEMENTATION**

**5.1 CREATE TABLE STATEMENTS**

**5.1 LOGIN SECTION**

**HTML AND PHP IMPLEMENTATION**

**<!DOCTYPE html>**

**<html lang="en">**

**<?php**

**// Start the session**

**session\_start();**

**?>**

**<head>**

**<meta charset="UTF-8">**

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

**<title>Truecaller</title>**

**<link rel="preconnect" href="https://fonts.gstatic.com">**

**<link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;500;600&display=swap" rel="stylesheet">**

**<link rel="stylesheet" href="assets/dist/css/bootstrap.min.css" >**

**<link rel="stylesheet" href="style.css">**

**</head>**

**<body>**

**<?php**

**$servername = "localhost";**

**$username = "root";**

**$password = "";**

**$conn = new mysqli($servername, $username, $password);**

**// Check connection**

**if ($conn->connect\_error) {**

**die("Connection failed: " . $conn->connect\_error);**

**}**

**// Create database**

**$sql = "CREATE DATABASE IF NOT EXISTS librarydb";**

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

**//echo "Database created successfully";**

**$conn->close();**

**}**

**?>**

**<div class="container-fluid">**

**<div class="row">**

**<div class="col-6 col-lg-6 background">**

**<nav class="navbar">**

**<a class="navbar-brand" href="dashboard.php">**

**<img src="images/simplelogo.svg" alt="logo" width="140" height="50" alt="" loading="lazy">**

**</a>**

**</nav>**

**</div>**

**<div class="col-6 col-lg-6 ">**

**<div class="container h-100">**

**<div class="row align-items-center h-100" >**

**<div class="col-8 mx-auto">**

**<h3 class="login-header pb-2">Login</h3>**

**<form action="user-login.php" method="get">**

**<div class="form-group">**

**<label for="loginUsername">Username</label>**

**<input type="text" name="adminnumber" class="form-control" id="loginUsername" aria-describedby="emailHelp">**

**</div>**

**<div class="form-group pb-2">**

**<label for="loginPassword">Password</label>**

**<input type="password" name="userpass" class="form-control" id="loginPassword">**

**</div>**

**<div class="form-group pb-2">**

**<select required name="type" class="form-control" >**

**<option value="user">User</option>**

**<option value="admin">Administrator</option>**

**</select>**

**</div>**

**<button type="submit" class="btn login-btn btn-block">Login</button>**

**</form>**

**</div>**

**<div class="col-8 mx-auto">**

**<h3 class="login-header pb-2">Dont have an account</h3>**

**<button class="btn btn-block action-btn p-3" onclick="location.href='add-admin.php'">**

**<i class="fas fa-user-shield pr-3"></i> Sign UP!**

**</button>**

**</div>**

**</div>**

**</div>**

**</div>**

**</div>**

**</div>**

**</body>**

**</html>**

**SQL QUERY AND PHP Code:**

**<!DOCTYPE html>**

**<?php**

**session\_start();**

**?>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

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

**<link rel="preconnect" href="https://fonts.gstatic.com">**

**<link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;500;600&display=swap" rel="stylesheet">**

**<link rel="stylesheet" href="assets/dist/css/bootstrap.min.css" >**

**<link rel="stylesheet" href="style.css">**

**<title>Login</title>**

**</head>**

**<body>**

**<?php**

**$usernumber = filter\_input(INPUT\_GET,'adminnumber');**

**$userpass = md5(filter\_input(INPUT\_GET,'userpass'));**

**$type = filter\_input(INPUT\_GET,'type');**

**$servername = "localhost";**

**$username = "root";**

**$password = "";**

**$dbname ="librarydb";**

**$conn = new mysqli($servername, $username, $password, $dbname);**

**if ($conn->connect\_error) {**

**die("Connection failed: " . $conn->connect\_error);**

**}**

**$sql = "SELECT \* FROM admin\_database WHERE user\_number='$usernumber' AND user\_password='$userpass' AND type='$type' ";**

**$result = $conn->query($sql);**

**if ($result->num\_rows > 0 && $type=="user") {**

**$\_SESSION["userid"] = $usernumber;**

**header("Location: dashboard.php");**

**}**

**elseif ($result->num\_rows > 0 && $type=="admin") {**

**$\_SESSION["userid"] = $usernumber;**

**header("Location: dashboard\_admin.php");**

**}else {**

**echo "<div class='container-fluid'><div class='row align-items-center h-100' ><div class='col-3 mx-auto'><div class='mt-4' id='card'><p>Invalid Id or Password!!!</p><p>Try again with valid Id and Password</p><form action='index.php' method='get'><button class='btn login-btn' type='submit' id='done'>Done</button></form></div></div></div></div>";**

**}**

**?>**

**</body>**

**</html>**

**5.2 ADD CONTACT PAGE:**

**HTML AND PHP IMPLEMENATION**

**<div class="col-8 mx-auto">**

**<div class="shadow-lg bg-white mt-4">**

**<div class="col form-header text-center p-3">**

**Add Contact**

**</div>**

**<form action="add-contact-action.php" method="get">**

**<div class="form-group mx-4 mt-4">**

**<input type="text" required name=cname class="form-control" placeholder="Contact Name">**

**</div>**

**<div class="form-group mx-4 mt-4">**

**<input type="text" required name="cnumber" class="form-control" placeholder="Contact Number">**

**</div>**

**<div class="form-group mx-4 mt-4">**

**<label for="cars">Profession:</label>**

**<select required name="profession" class="form-control" >**

**<option value="None">None</option>**

**<option value="Teacher">Teacher</option>**

**<option value="Doctor">Doctor</option>**

**<option value="Student">Student</option>**

**<option value="Accountant">Accountant</option>**

**<option value="Technician">Technician</option>**

**<option value="Laborer">Laborer</option>**

**<option value="Psychologist">Psychologist</option>**

**<option value="Pharmacist">Pharmacist</option>**

**<option value="Dietitian">Dietitian</option>**

**<option value="Mechanic">Mechanic</option>**

**<option value="Dentist">Dentist</option>**

**<option value="Electrician">Electrician</option>**

**<option value="Programmer">Programmer</option>**

**<option value="Consultant">Consultant</option>**

**<option value="Police">Police</option>**

**<option value="Designer">Designer</option>**

**</select>**

**</div>**

**<div class="form-group mx-4 mt-4">**

**<input type="number" required name="pin" class="form-control" placeholder="Area-Pin">**

**</div>**

**<button type="submit" class="btn login-btn btn-block my-4">Add Contact</button>**

**</form>**

**</div>**

**</div>**

**</div>**

**SQL QUERY AND PHP IMPLEMENTAION:**

**<?php**

**$servername = "localhost";**

**$username = "root";**

**$password = "";**

**$dbname ="librarydb";**

**$conn = new mysqli($servername, $username, $password, $dbname);**

**// Check connection**

**if ($conn->connect\_error) {**

**die("Connection failed: " . $conn->connect\_error);**

**}**

**$sql = "CREATE TABLE IF NOT EXISTS contact\_database (**

**contact\_number VARCHAR(50) PRIMARY KEY,**

**contact\_name VARCHAR(50),**

**user VARCHAR(50),**

**type VARCHAR(50),**

**pin INT(11)**

**)";**

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

**//echo "Table admin\_database created successfully";**

**} else {**

**echo "Error creating table: " . $conn->error;**

**}**

**$sql2 = "CREATE TABLE IF NOT EXISTS profession\_database (**

**p\_id INT AUTO\_INCREMENT PRIMARY KEY,**

**p\_name VARCHAR(50)**

**)";**

**if ($conn->query($sql2) === TRUE) {**

**//echo "Table admin\_database created successfully";**

**} else {**

**echo "Error creating table: " . $conn->error;**

**}**

**$cnumber = filter\_input(INPUT\_GET,'cnumber');**

**$cname = filter\_input(INPUT\_GET,'cname');**

**//$user = filter\_input(INPUT\_GET,'user');**

**$user=$\_SESSION["userid"];**

**$type = filter\_input(INPUT\_GET,'profession');**

**$pin = filter\_input(INPUT\_GET,'pin');**

**$sql = "INSERT INTO contact\_database (contact\_number, contact\_name, user, type,pin)**

**VALUES ('$cnumber', '$cname','$user','$type','$pin')";**

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

**//echo "New record created successfully";**

**echo "<h3 class='text-center m-4'>New Local Contact Added successfully</h3><form action='dashboard.php'><button class='btn btn-block login-btn' type='submit'>OK</button></form>";**

**} else {**

**echo "<h3 class='text-center m-4'>Local Contact Already exist</h3><form action='add-contact.php'><button class='btn btn-block login-btn' type='submit'>OK</button></form>";**

**}**

**$conn->close();**

**?>**

**5.3 USER SIGNUP**

**HTML FORM IMPLEMENTATION**

**<div class="col form-header text-center p-3">**

**Add New Admin**

**</div>**

**<form action="add-admin-action.php" method="get">**

**<div class="form-group mx-4 mt-4">**

**Full Name:**

**<input type="text" required name="adminName" class="form-control" placeholder="Name">**

**</div>**

**<div class="form-group mx-4 mt-4">**

**Contact Number:**

**<input type="text" required name="adminnumber" class="form-control" placeholder="contact Number">**

**</div>**

**<div class="form-group mx-4 mt-4">**

**Email address:**

**<input type="email" required name="email" class="form-control" placeholder="Email">**

**</div>**

**<div class="form-group mx-4 mt-4">**

**Enter Password:**

**<input type="password" required name="password" class="form-control" placeholder="Password">**

**</div>**

**<div class="form-group mx-4 mt-4">**

**Retype Password:**

**<input type="password" required name="password" class="form-control" placeholder="Renter Password">**

**</div>**

**<div class="form-group mx-4 mt-4">**

**Area code:**

**<input type="text" required name="code" class="form-control" placeholder="Postal-code">**

**</div>**

**<div class="form-group mx-4 mt-4">**

**Gender:**

**<label class="radio-inline"><input type="radio" name="gender" value="Male"checked>Male</label>**

**<label class="radio-inline"><input type="radio" name="gender" value="Female">Female</label>**

**<label class="radio-inline"><input type="radio" name="gender" value="other">Other</label>**

**</div>**

**<div class="form-group mx-4 mt-4">**

**Date of birth:**

**<input type="date" required name="dob" class="form-control" placeholder="Date of birth">**

**</div>**

**<button type="submit" class="btn login-btn btn-block my-4">Add Admin</button>**

**</form>**

**</div>**

**</div>**

**</div>**

**SQL QUERY AND PHP IMPLEMENATION :**

**$sql = "CREATE TABLE IF NOT EXISTS admin\_database (**

**user\_number VARCHAR(50) PRIMARY KEY,**

**user\_name VARCHAR(50),**

**user\_email VARCHAR(50),**

**user\_password VARCHAR(50),**

**user\_pin VARCHAR(50),**

**user\_gender VARCHAR(50),**

**user\_dob DATE,**

**user\_type VARCHAR(20)**

**)";**

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

**//echo "Table admin\_database created successfully";**

**} else {**

**echo "Error creating table: " . $conn->error;**

**}**

**$adminnumber = filter\_input(INPUT\_GET,'adminnumber');**

**$adminname = filter\_input(INPUT\_GET,'adminName');**

**$email = filter\_input(INPUT\_GET,'email');**

**$userpass = md5(filter\_input(INPUT\_GET,'password'));**

**$code = filter\_input(INPUT\_GET,'code');**

**$gender = filter\_input(INPUT\_GET,'gender');**

**$dob = filter\_input(INPUT\_GET,'dob');**

**$sql2 = "INSERT INTO admin\_database (user\_number, user\_name, user\_email, user\_password, user\_pin, user\_gender, user\_dob,user\_type)**

**VALUES ('$adminnumber', '$adminname','$email', '$userpass', '$code', '$gender', '$dob','User')";**

**if ($conn->query($sql2) === TRUE) {**

**//echo "New record created successfully";**

**echo "<h3 class='text-center m-4'>New admin added is successfully....</h3><form action='dashboard.php'><button class='btn btn-block login-btn' type='submit'>OK</button></form>";**

**} else {**

**echo "<h3 class='text-center m-4'>Admin number is already taken!!!!</h3><form action='dashboard.php'><button class='btn btn-block login-btn' type='submit'>OK</button></form>";**

**}**

**$conn->close();**

**5.4 ADD SPAM**

**HTML FORM IMPLEMENTATION:**

**<div class="shadow-lg bg-white mt-4">**

**<div class="col form-header text-center p-3">**

**Add Spam**

**</div>**

**<form action="add-spam-action.php" method="get">**

**<div class="form-group mx-4 mt-4">**

**<input type="text" required name=spamname class="form-control" placeholder="Spam Name">**

**</div>**

**<div class="form-group mx-4 mt-4">**

**<input type="text" required name="spamnumber" class="form-control" placeholder="Spam Number">**

**</div>**

**<div class="form-group mx-4 mt-4">**

**<label for="cars">Type of spam:</label>**

**<select required name="type" class="form-control" >**

**<option value="None">None</option>**

**<option value="Advertisement">Advertisement</option>**

**<option value="Promotion">Promotion</option>**

**<option value="bank fraud">Bank fraud</option>**

**<option value="Survey call">Survey call</option>**

**<option value="Bot call">Bot call</option>**

**</select>**

**</div>**

**<button type="submit" class="btn login-btn btn-block my-4">Add Spam</button>**

**</form>**

**</div>**

**SQL QUERY AND PHP IMPLEMENATION:**

**$sql = "CREATE TABLE IF NOT EXISTS spam\_database (**

**spam\_no VARCHAR(50) PRIMARY KEY,**

**spam\_name VARCHAR(50),**

**user VARCHAR(50),**

**type VARCHAR(50),**

**count INT**

**)";**

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

**//echo "Table admin\_database created successfully";**

**} else {**

**echo "Error creating table: " . $conn->error;**

**}**

**$sql2 = "CREATE TABLE IF NOT EXISTS spam\_relation (**

**serial\_no INT AUTO\_INCREMENT PRIMARY KEY,**

**spam\_no VARCHAR(50),**

**spam\_name VARCHAR(50),**

**user VARCHAR(50),**

**type VARCHAR(50)**

**)";**

**if ($conn->query($sql2) === TRUE) {**

**//echo "Table admin\_database created successfully";**

**} else {**

**echo "Error creating table: " . $conn->error;**

**}**

**$spamnumber = filter\_input(INPUT\_GET,'spamnumber');**

**$spamname = filter\_input(INPUT\_GET,'spamname');**

**$type = filter\_input(INPUT\_GET,'type');**

**$user=$\_SESSION["userid"];**

**$count=1;**

**$sql = "INSERT INTO spam\_database (spam\_no, spam\_name, user, type,count)**

**VALUES ('$spamnumber', '$spamname','$user','$type','$count') ON DUPLICATE KEY UPDATE count=count+1 ";**

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

**//echo "New record created successfully";**

**echo "<h3 class='text-center m-4'>New Spam Added successfully</h3><form action='dashboard.php'><button class='btn btn-block login-btn' type='submit'>OK</button></form>";**

**} else {**

**$count=$count+1;**

**$sql = "INSERT INTO spam\_database (count)**

**VALUES ('$count') where spam\_no='$spamnumber' ";**

**echo "<h3 class='text-center m-4'>spam number Already Taken!!! and increased</h3><form action='add-contact.php'><button class='btn btn-block login-btn' type='submit'>OK</button></form>";**

**}**

**$sql1 = "INSERT INTO spam\_relation (spam\_no, spam\_name, user, type)**

**VALUES ('$spamnumber', '$spamname','$user','$type') ";**

**if ($conn->query($sql1) === TRUE) {**

**//echo "Table admin\_database created successfully";**

**} else {**

**echo "Error creating table: " . $conn->error;**

**}**

**$conn->close();**

**?>**

**5.5 Delete contact :**

**SQL QUERY AND PHP IMPLEMENATION:**

**<?php**

**$servername = "localhost";**

**$username = "root";**

**$password = "";**

**$dbname ="librarydb";**

**$conn = new mysqli($servername, $username, $password, $dbname);**

**// Check connection**

**if ($conn->connect\_error) {**

**die("Connection failed: " . $conn->connect\_error);**

**}**

**$contact = filter\_input(INPUT\_GET,'contact');**

**$sql="select \* FROM contact\_database WHERE contact\_number='$contact' ";**

**$ret=mysqli\_query($conn,$sql);**

**if(mysqli\_num\_rows($ret)>0)**

**{**

**$sql="Delete FROM contact\_database WHERE contact\_number='$contact' ";**

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

**echo "Contact deleted succefully";**

**} else {**

**echo "Error deleting contact: " . $conn->error;**

**}**

**} else {**

**echo "This contact does not exist: " . $conn->error;**

**}**

**?>**

**5.6 Delete spam:**

**SQL QUERY AND PHP IMPLEMENTATION**

**<?php**

**$servername = "localhost";**

**$username = "root";**

**$password = "";**

**$dbname ="librarydb";**

**$conn = new mysqli($servername, $username, $password, $dbname);**

**// Check connection**

**if ($conn->connect\_error) {**

**die("Connection failed: " . $conn->connect\_error);**

**}**

**$contact = filter\_input(INPUT\_GET,'contact');**

**$sql="select \* FROM spam\_database WHERE spam\_no='$contact' ";**

**$ret=mysqli\_query($conn,$sql);**

**if(mysqli\_num\_rows($ret)>0)**

**{**

**$sql="Delete FROM spam\_database WHERE spam\_no='$contact' ";**

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

**echo "Spam deleted succefully";**

**} else {**

**echo "Error deleting spam: " . $conn->error;**

**}**

**} else {**

**echo "This Spam number does not exist: " . $conn->error;**

**}**

**?>**

**5.7 Search unknown number:**

**HTML IMPLEMNATION:**

**<div class="mt-4">**

**<div class="text-center p-3">**

**<h3 class="theme-color">Search</h3>**

**</div>**

**</div>**

**<form action="search-action.php" method="get">**

**<div class="input-group md-form form-md form-2 pl-0">**

**<input class="form-control my-0 py-1" name="query" type="text" placeholder="Enter Contact number" aria-label="Search">**

**<div class="input-group-append">**

**<button class="btn">**

**<span class="input-group-text search-btn" id="basic-text1"><i class="fas fa-search search-icon"**

**aria-hidden="true"></i></span>**

**</button>**

**</div>**

**</div>**

**</form>**

**SQL QUERY AND PHP IMPLEMATATION:**

**<?php**

**$servername = "localhost";**

**$username = "root";**

**$password = "";**

**$dbname ="librarydb";**

**$conn = new mysqli($servername, $username, $password, $dbname);**

**if ($conn->connect\_error) {**

**die("Connection failed: " . $conn->connect\_error);**

**}**

**$query = filter\_input(INPUT\_GET,'query');**

**$sql="SELECT \* FROM contact\_database WHERE contact\_number='$query' ";**

**$ret=mysqli\_query($conn,$sql);**

**if(mysqli\_num\_rows($ret)>0)**

**{**

**while($row=mysqli\_fetch\_assoc($ret))**

**{**

**echo"<table class='table table-striped'><thead>**

**<tr><th scope='col'>Contact Number</th><td scope='row'>{$row['contact\_number']}</td></tr>**

**<tr><th scope='col'>Contact Name</th><td scope='row'>{$row['contact\_name']}</td></tr>**

**<tr><th scope='col'>User who added this contact</th><td>{$row['user']}</td></tr>**

**<tr><th scope='col'>Profession</th><td>{$row['type']}</td></tr>**

**<tr><th scope='col'>Area code</th><td>{$row['pin']}</td></tr>**

**</thead><tbody></tbody></table>";**

**}**

**}**

**if(mysqli\_num\_rows($ret)==0)**

**{**

**$sql="SELECT \* FROM spam\_database WHERE spam\_no='$query' ";**

**$ret=mysqli\_query($conn,$sql);**

**if(mysqli\_num\_rows($ret)>0)**

**{**

**echo "<h3>Its a spam number</h3>";**

**while($row=mysqli\_fetch\_assoc($ret))**

**{**

**echo"<table class='table table-striped'><thead>**

**<tr><th scope='col'>Spam Number</th><td scope='row'>{$row['spam\_no']}</td></tr>**

**<tr><th scope='col'>Spam Name</th><td scope='row'>{$row['spam\_name']}</td></tr>**

**<tr><th scope='col'>User who reported this spam</th><td>{$row['user']}</td></tr>**

**<tr><th scope='col'>Type of spam</th><td>{$row['Type']}</td></tr>**

**<tr><th scope='col'>No. of times reported</th><td>{$row['count']}</td></tr>**

**</thead><tbody></tbody></table>";**

**}**

**$sql="SELECT r.spam\_name ,r.type ,r.user FROM spam\_database s,spam\_relation r WHERE s.spam\_no=r.spam\_no AND s.spam\_no='$query' ";**

**$ret=mysqli\_query($conn,$sql);**

**if(mysqli\_num\_rows($ret)>0)**

**{**

**echo "<h3>More detail</h3>";**

**echo "<h5>Other name and type given by users</h5>";**

**echo"<table class='table table-striped'><thead><tr><th scope='col'>Spam name</th><th scope='col'>Type of spam</th><th scope='col'>User who reported it</th></tr></thead><tbody>";**

**while($row=mysqli\_fetch\_assoc($ret))**

**{**

**echo"<table class='table table-striped'><thead>**

**<tr><td scope='row'>{$row['spam\_name']}</td>**

**<td scope='row'>{$row['type']}</td>**

**<td scope='row'>{$row['user']}</td></tr>**

**</thead><tbody></tbody></table>";**

**}**

**}}**

**if(mysqli\_num\_rows($ret)==0)**

**{**

**echo "<h3 class='text-center'>No such Contacts are their....</h3><div class='col'><form action='dashboard.php'><button type='submit' class='btn bg-light btn-block mt-4'>Done</button></form></div>";**

**}**

**}?>**

**5.8 Search by Area code :**

**SQL QUERY AND PHP IMPLEMATATION:**

**$servername = "localhost";**

**$username = "root";**

**$password = "";**

**$dbname ="librarydb";**

**$conn = new mysqli($servername, $username, $password, $dbname);**

**// Check connection**

**if ($conn->connect\_error) {**

**die("Connection failed: " . $conn->connect\_error);**

**}**

**$areacode = filter\_input(INPUT\_GET,'code');**

**$profession = filter\_input(INPUT\_GET,'profession');**

**$sql="SELECT \* FROM contact\_database WHERE pin='$areacode' AND type='$profession'";**

**$ret=mysqli\_query($conn,$sql);**

**if(mysqli\_num\_rows($ret)==0)**

**{**

**echo "<h3 class='text-center'>No contact in ur area</h3><div class='col'><form action='dashboard.php'><button type='submit' class='btn bg-light btn-block mt-4'>Done</button></form></div>";**

**}**

**if(mysqli\_num\_rows($ret)>0)**

**{**

**$serialno=1;**

**while($row=mysqli\_fetch\_assoc($ret))**

**{**

**echo"<h3>$serialno</h3>**

**<table class='table table-striped'><thead>**

**<tr><th scope='col'>Contact Number</th><td scope='row'>{$row['contact\_number']}</td></tr>**

**<tr><th scope='col'>Contact Name</th><td scope='row'>{$row['contact\_name']}</td></tr>**

**<tr><th scope='col'>Added by user</th><td>{$row['user']}</td></tr>**

**<tr><th scope='col'>Profession</th><td>{$row['type']}</td></tr>**

**<tr><th scope='col'>area code</th><td>{$row['pin']}</td></tr>**

**</thead><tbody></tbody></table>";**

**$serialno=$serialno+1;**

**}**

**}?>**

**5.9 Search by City :**

**SQL QUERY AND PHP IMPLEMATATION:**

**<?php**

**$servername = "localhost";**

**$username = "root";**

**$password = "";**

**$dbname ="librarydb";**

**$conn = new mysqli($servername, $username, $password, $dbname);**

**// Check connection**

**if ($conn->connect\_error) {**

**die("Connection failed: " . $conn->connect\_error);**

**}**

**$state = filter\_input(INPUT\_GET,'state');**

**$city = filter\_input(INPUT\_GET,'city');**

**$country = filter\_input(INPUT\_GET,'country');**

**$profession = filter\_input(INPUT\_GET,'profession');**

**$sql="select city from city where id='$city'";**

**$ret=mysqli\_query($conn,$sql);**

**$citty=1;**

**if(mysqli\_num\_rows($ret)>0){**

**$row=mysqli\_fetch\_array($ret);**

**$citty=$row[0];**

**}**

**$sql="SELECT c.contact\_number,c.contact\_name,c.user,c.type,c.pin FROM contact\_database c,address\_database a where**

**c.pin=a.pin and type='$profession' and city='$citty'";**

**$ret=mysqli\_query($conn,$sql);**

**if(mysqli\_num\_rows($ret)==0)**

**{**

**echo "<h3 class='text-center'>No contact in ur area</h3><div class='col'><form action='dashboard.php'><button type='submit' class='btn bg-light btn-block mt-4'>Done</button></form></div>";**

**}**

**if(mysqli\_num\_rows($ret)>0)**

**{**

**$serialno=1;**

**while($row=mysqli\_fetch\_assoc($ret))**

**{**

**echo"<h3>$serialno</h3>**

**<table class='table table-striped'><thead>**

**<tr><th scope='col'>Contact Number</th><td scope='row'>{$row['contact\_number']}</td></tr>**

**<tr><th scope='col'>Contact Name</th><td scope='row'>{$row['contact\_name']}</td></tr>**

**<tr><th scope='col'>Author</th><td>{$row['user']}</td></tr>**

**<tr><th scope='col'>Publisher</th><td>{$row['type']}</td></tr>**

**<tr><th scope='col'>Number of Copies</th><td>{$row['pin']}</td></tr>**

**</thead><tbody></tbody></table>";**

**$serialno=$serialno+1;**

**}**

**}?>**

**5.10 View LOCAl Contact :**

**SQL QUERY AND PHP IMPLEMATATION:**

**$servername = "localhost";**

**$username = "root";**

**$password = "";**

**$dbname ="librarydb";**

**$conn = new mysqli($servername, $username, $password, $dbname);**

**if ($conn->connect\_error) {**

**die("Connection failed: " . $conn->connect\_error);**

**}**

**$usernumber = $\_SESSION["userid"];**

**$sql="SELECT \* FROM contact\_database where user='$usernumber'";**

**$ret=mysqli\_query($conn,$sql);**

**if(mysqli\_num\_rows($ret)>0)**

**{**

**echo"<table class='table table-striped'><thead><tr><th scope='col'>Contact Number</th><th scope='col'>Contact Name</th><th scope='col'>User</th><th scope='col'>Type</th><th scope='col'>pin</th></tr></thead><tbody>";**

**while($row=mysqli\_fetch\_assoc($ret))**

**{**

**echo"<tr><th scope='row'>{$row['contact\_number']}</th><td>{$row['contact\_name']}</td><td>{$row['user']}</td><td>{$row['type']}</td><td>{$row['pin']}</td></tr>";**

**}**

**echo"</tbody></table>";**

**echo"<form action='view\_main.php'><button class='btn bg-light' type='submit'>Go Back</button></form>";**

**echo"</div>";**

**}**

**if(mysqli\_num\_rows($ret)==0)**

**{**

**echo "<div id='card'><h1>No Contact are thier to view....</h1><form action='dashboard.php'><button type='submit' id='done'>Done</button></form></div>";**

**}?>**

**<div class="mt-2">**

**<div class="text-center p-3">**

**<h3 class="theme-color">**

**Spam number reported by user**

**</h3>**

**</div>**

**</div>**

**<?php**

**$sql="SELECT \* FROM spam\_database where user='$usernumber'";**

**$ret=mysqli\_query($conn,$sql);**

**if(mysqli\_num\_rows($ret)>0)**

**{**

**echo"<table class='table table-striped'><thead><tr><th scope='col'>Contact Number</th><th scope='col'>Contact Name</th><th scope='col'>User</th><th scope='col'>Type</th><th scope='col'>count</th></tr></thead><tbody>";**

**while($row=mysqli\_fetch\_assoc($ret))**

**{**

**echo"<tr><th scope='row'>{$row['spam\_no']}</th><td>{$row['spam\_name']}</td><td>{$row['user']}</td><td>{$row['Type']}</td><td>{$row['count']}</td></tr>";**

**}**

**echo"</tbody></table>";**

**echo"<form action='view\_main.php'><button class='btn bg-light' type='submit'>Go Back</button></form>";**

**echo"</div>";**

**}**

**if(mysqli\_num\_rows($ret)==0)**

**{**

**echo "<div id='card'><h1>No Contact are thier to view....</h1><form action='dashboard.php'><button type='submit' id='done'>Done</button></form></div>";**

**}?>**

**5.11 View Spam Database :**

**SQL QUERY AND PHP IMPLEMATATION:**

**$servername = "localhost";**

**$username = "root";**

**$password = "";**

**$dbname ="librarydb";**

**$conn = new mysqli($servername, $username, $password, $dbname);**

**if ($conn->connect\_error) {**

**die("Connection failed: " . $conn->connect\_error);**

**}**

**$sql='SELECT \* FROM spam\_database';**

**$ret=mysqli\_query($conn,$sql);**

**if(mysqli\_num\_rows($ret)>0)**

**{**

**echo"<table class='table table-striped'><thead><tr><th scope='col'>Spam number</th><th scope='col'> Name</th><th scope='col'>Type</th><th scope='col'>Reported spam by</th><th scope='col'>Count</th></tr></thead><tbody>";**

**while($row=mysqli\_fetch\_assoc($ret))**

**{**

**echo"<tr><th scope='row'>{$row['spam\_no']}</th><td>{$row['spam\_name']}</td><td>{$row['Type']}</td><td>{$row['user']}</td><td>{$row['count']}</td></tr>";**

**}**

**echo"</tbody></table>";**

**echo"<form action='dashboard.php'><button class='btn bg-light' type='submit'>Go Back</button></form>";**

**echo"</div>";**

**}**

**if(mysqli\_num\_rows($ret)==0)**

**{**

**echo "<div id='card'><h1>No Spam are there to view.</h1><form action='admin\_home.php'><button type='submit' id='done'>Done</button></form></div>";**

**}?>**

**5.12 View ContactALL list :**

**SQL QUERY AND PHP IMPLEMATATION:**

**<?php**

**$servername = "localhost";**

**$username = "root";**

**$password = "";**

**$dbname ="librarydb";**

**$conn = new mysqli($servername, $username, $password, $dbname);**

**if ($conn->connect\_error) {**

**die("Connection failed: " . $conn->connect\_error);**

**}**

**$sql="SELECT \* FROM contact\_database ";**

**$ret=mysqli\_query($conn,$sql);**

**if(mysqli\_num\_rows($ret)>0)**

**{**

**echo"<table class='table table-striped'><thead><tr><th scope='col'>Contact Number</th><th scope='col'>Contact Name</th><th scope='col'>User</th><th scope='col'>Type</th><th scope='col'>pin</th></tr></thead><tbody>";**

**while($row=mysqli\_fetch\_assoc($ret))**

**{**

**echo"<tr><th scope='row'>{$row['contact\_number']}</th><td>{$row['contact\_name']}</td><td>{$row['user']}</td><td>{$row['type']}</td><td>{$row['pin']}</td></tr>";**

**}**

**echo"</tbody></table>";**

**echo"<form action='dashboard\_admin.php'><button class='btn bg-light' type='submit'>Go Back</button></form>";**

**echo"</div>";**

**}**

**if(mysqli\_num\_rows($ret)==0)**

**{**

**echo "<div id='card'><h1>No Contact are thier to view....</h1><form action='dashboard\_admin.php'><button type='submit' id='done'>Done</button></form></div>";**

**}?>**

* 1. **View Feedback :**

**SQL QUERY AND PHP IMPLEMATATION:**

**<?php**

**$servername = "localhost";**

**$username = "root";**

**$password = "";**

**$dbname ="librarydb";**

**$conn = new mysqli($servername, $username, $password, $dbname);**

**if ($conn->connect\_error) {**

**die("Connection failed: " . $conn->connect\_error);**

**}**

**$usernumber = $\_SESSION["userid"];**

**$sql="SELECT \* FROM feedback ";**

**$ret=mysqli\_query($conn,$sql);**

**if(mysqli\_num\_rows($ret)>0)**

**{**

**echo"<table class='table table-striped'><thead><tr><th scope='col'>Name</th><th scope='col'>Email</th><th scope='col'>Contact number</th><th scope='col'>Sbject</th><th scope='col'>Message</th></tr></thead><tbody>";**

**while($row=mysqli\_fetch\_assoc($ret))**

**{**

**echo"<tr><th scope='row'>{$row['name']}</th><td>{$row['email']}</td><td>{$row['contact\_no']}</td><td>{$row['subject']}</td><td>{$row['message']}</td></tr>";**

**}**

**echo"</tbody></table>";**

**echo"<form action='dashboard\_admin.php'><button class='btn bg-light' type='submit'>Go Back</button></form>";**

**echo"</div>";**

**}**

**if(mysqli\_num\_rows($ret)==0)**

**{**

**echo "<div id='card'><h1>Nothing in logs</h1><form action='dashboard.php'><button type='submit' id='done'>Done</button></form></div>";**

**}?**

* 1. **View Logs Table:**

**SQL QUERY AND PHP IMPLEMATATION:**

**<?php**

**$servername = "localhost";**

**$username = "root";**

**$password = "";**

**$dbname ="librarydb";**

**$conn = new mysqli($servername, $username, $password, $dbname);**

**if ($conn->connect\_error) {**

**die("Connection failed: " . $conn->connect\_error);**

**}**

**$usernumber = $\_SESSION["userid"];**

**$sql="SELECT \* FROM logs order by create\_date desc";**

**$ret=mysqli\_query($conn,$sql);**

**if(mysqli\_num\_rows($ret)>0)**

**{**

**echo"<table class='table table-striped'><thead><tr><th scope='col'>Recently added contacts</th><th scope='col'>Action</th><th scope='col'>Create time</th></tr></thead><tbody>";**

**while($row=mysqli\_fetch\_assoc($ret))**

**{**

**echo"<tr><th scope='row'>{$row['Contact\_id']}</th><td>{$row['action']}</td><td>{$row['create\_date']}</td></tr>";**

**}**

**echo"</tbody></table>";**

**echo"<form action='dashboard\_admin.php'><button class='btn bg-light' type='submit'>Go Back</button></form>";**

**echo"</div>";**

**}**

**if(mysqli\_num\_rows($ret)==0)**

**{**

**echo "<div id='card'><h1>Nothing in logs</h1><form action='dashboard.php'><button type='submit' id='done'>Done</button></form></div>";**

**}?>**

* 1. **Feedback Insert:**

**SQL QUERY AND PHP IMPLEMATATION:**

**<?php**

**$servername = "localhost";**

**$username = "root";**

**$password = "";**

**$dbname ="librarydb";**

**$conn = new mysqli($servername, $username, $password, $dbname);**

**if ($conn->connect\_error) {**

**die("Connection failed: " . $conn->connect\_error);**

**}**

**$sql = "CREATE TABLE IF NOT EXISTS feedback (**

**id int PRIMARY KEY AUTO\_INCREMENT,**

**name VARCHAR(50),**

**email VARCHAR(50),**

**contact\_no VARCHAR(50),**

**subject VARCHAR(50),**

**message VARCHAR(100)**

**)";**

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

**} else {**

**echo "Error creating table: " . $conn->error;**

**}**

**$name = filter\_input(INPUT\_GET,'name');**

**$email = filter\_input(INPUT\_GET,'email');**

**$subject = filter\_input(INPUT\_GET,'subject');**

**$message = filter\_input(INPUT\_GET,'message');**

**$contact\_no= $\_SESSION['userid'];**

**$sql = "INSERT INTO feedback (name, email, contact\_no, subject, message)**

**VALUES ('$name', '$email','$contact\_no','$subject','$message')";**

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

**//echo "New record created successfully";**

**echo "<h3 class='text-center m-4'>Your feedback is submitted. Thank you</h3><form action='dashboard.php'><button class='btn btn-block login-btn' type='submit'>OK</button></form>";**

**} else {**

**echo "<h3 class='text-center m-4'>error</h3><form action='address.php'><button class='btn btn-block login-btn' type='submit'>OK</button></form>";**

**}**

**$conn->close();**

**?>**

* 1. **Add address detail**

**HTML FORM IMPLEMENATION**

**<div class="col form-header text-center p-3">**

**Add address**

**</div>**

**<form action="address-action.php" method="get">**

**<div class="form-group mx-4 mt-4">**

**<input type="text" required name=pin class="form-control" placeholder="Area Code">**

**</div>**

**<div class="form-group mx-4 mt-4">**

**<input type="text" required name="state" class="form-control" placeholder="State">**

**</div>**

**<div class="form-group mx-4 mt-4">**

**<input type="text" required name="city" class="form-control" placeholder="City" >**

**</div>**

**<div class="form-group mx-4 mt-4">**

**<input type="text" required name="country" class="form-control" placeholder="Country">**

**</div>**

**<button type="submit" class="btn login-btn btn-block my-4">Add Address</button>**

**</form>**

**</div>**

**SQL QUERY AND PHP IMPLEMATATION:**

**<?php**

**$servername = "localhost";**

**$username = "root";**

**$password = "";**

**$dbname ="librarydb";**

**$conn = new mysqli($servername, $username, $password, $dbname);**

**if ($conn->connect\_error) {**

**die("Connection failed: " . $conn->connect\_error);**

**}**

**$sql = "CREATE TABLE IF NOT EXISTS address\_database (**

**pin VARCHAR(50) PRIMARY KEY,**

**state VARCHAR(50),**

**city VARCHAR(50),**

**country VARCHAR(50)**

**)";**

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

**//echo "Table admin\_database created successfully";**

**} else {**

**echo "Error creating table: " . $conn->error;**

**}**

**$pin = filter\_input(INPUT\_GET,'pin');**

**$state = filter\_input(INPUT\_GET,'state');**

**$city = filter\_input(INPUT\_GET,'city');**

**$country = filter\_input(INPUT\_GET,'country');**

**$sql = "INSERT INTO address\_database (pin, state, city, country)**

**VALUES ('$pin', '$state','$city','$country')";**

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

**//echo "New record created successfully";**

**echo "<h3 class='text-center m-4'>New Address Added successfully</h3><form action='dashboard.php'><button class='btn btn-block login-btn' type='submit'>OK</button></form>";**

**} else {**

**echo "<h3 class='text-center m-4'>Address detail already present in database</h3><form action='address.php'><button class='btn btn-block login-btn' type='submit'>OK</button></form>";**

**}**

**$conn->close();**

**?>**

* 1. **View Addess database :**

**SQL QUERY AND PHP IMPLEMATATION:**

**<?php**

**$servername = "localhost";**

**$username = "root";**

**$password = "";**

**$dbname ="librarydb";**

**$conn = new mysqli($servername, $username, $password, $dbname);**

**if ($conn->connect\_error) {**

**die("Connection failed: " . $conn->connect\_error);**

**}**

**$sql='select \* from address\_database';**

**$ret=mysqli\_query($conn,$sql);**

**if(mysqli\_num\_rows($ret)>0)**

**{**

**echo"<table class='table table-striped'><thead><tr><th scope='col'>Area Code</th><th scope='col'>state</th><th scope='col'>City</th><th scope='col'>Country</th></tr></thead><tbody>";**

**while($row=mysqli\_fetch\_assoc($ret))**

**{**

**echo"<tr><th scope='row'>{$row['pin']}</th><td>{$row['state']}</td><td>{$row['city']}</td><td>{$row['country']}</td></tr>";**

**}**

**echo"</tbody></table>";**

**echo"<form action='dashboard.php'><button class='btn bg-light' type='submit'>Go Back</button></form>";**

**echo"</div>";**

**}**

**if(mysqli\_num\_rows($ret)==0)**

**{**

**echo "<div id='card'><h1>No Address are thier to view....</h1><form action='admin\_home.php'><button type='submit' id='done'>Done</button></form></div>";**

**}?>**

**5.18 MYSQL STORED PROCEDURE FOR GETTING CONTACT LIST BASED ON INPUT VALUE FOR PROFESSION**

**CREATE DEFINER=`root`@`localhost` PROCEDURE `contact\_by\_profession`(IN**

**`prof`**[**VARCHAR**](https://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)**(20))**

[**NOT**](https://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not)**DETERMINISTIC NO SQL**

**SQL SECURITY DEFINER**

[**select**](https://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html)**\* from contact\_database WHERE type=prof**

**5.19 MYSQL TRIGGER FOR ENTERING VALUE IN LOGS TABLE WHENEVER A NEW USER SIGNUP.**

**CREATE DEFINER=`root`@`localhost`**

**TRIGGER `insertlogadmin`**

**BEFORE INSERT ON `admin\_database` FOR EACH ROW**

[**INSERT**](https://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/insert.html)**INTO logs**

[**VALUES**](https://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_values)**(null,new.user\_number,'Inserted in admin database',NOW())**

**5.20 MYSQL TRIGGER FOR ENTERING VALUE IN LOGS TABLE WHENEVER A NEW SPAM NUMBER IS REPORTED**

**CREATE DEFINER=`root`@`localhost`**

**TRIGGER `insertlog**

**`**

**BEFORE INSERT ON `spam\_database` FOR EACH ROW**

[**insert**](https://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/insert.html)**into logs**

[**values**](https://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_values)**(null,new.spam\_no,'Inserted in Spam database',NOW())**

**5.21 MYSQL TRIGGER FOR ENTERING VALUE IN LOGS TABLE WHENEVER A NEW CONTACTNUMBER IS ADDED IN DATABASE**

**CREATE DEFINER=`root`@`localhost`**

**TRIGGER `insertlogcontact`**

**BEFORE INSERT ON `contact\_database` FOR EACH ROW**

[**insert**](https://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/insert.html)**into logs**

[**VALUES**](https://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_values)**(null,new.contact\_number,'Inserted into contact',NOW())**

**CHAPTER-6**

**OUTPUT SNAPSHOTS**

**SNAPSHOTS**

**6.1 Screenshots**

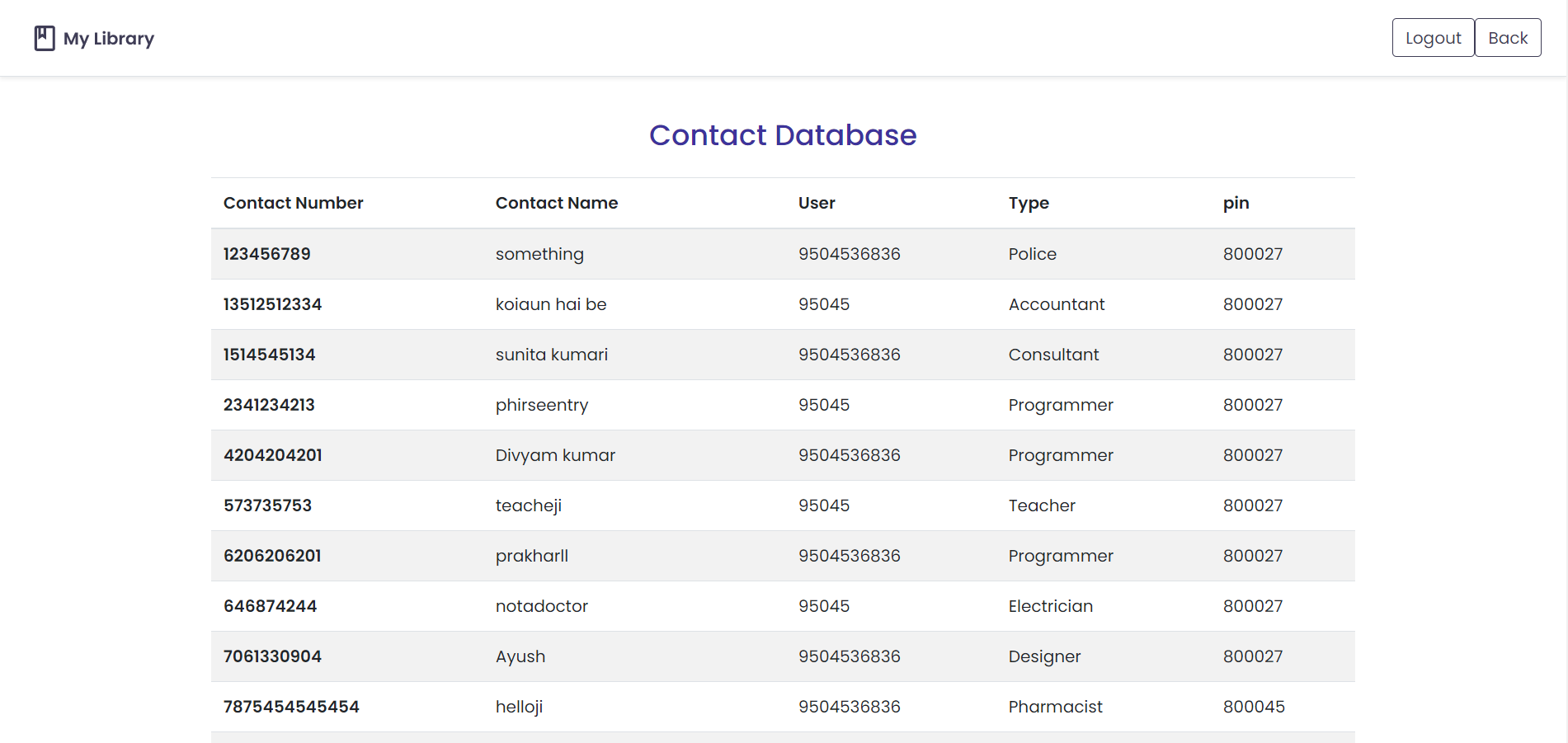
**All Contact details**

Fig 6.1.1 All contact detail

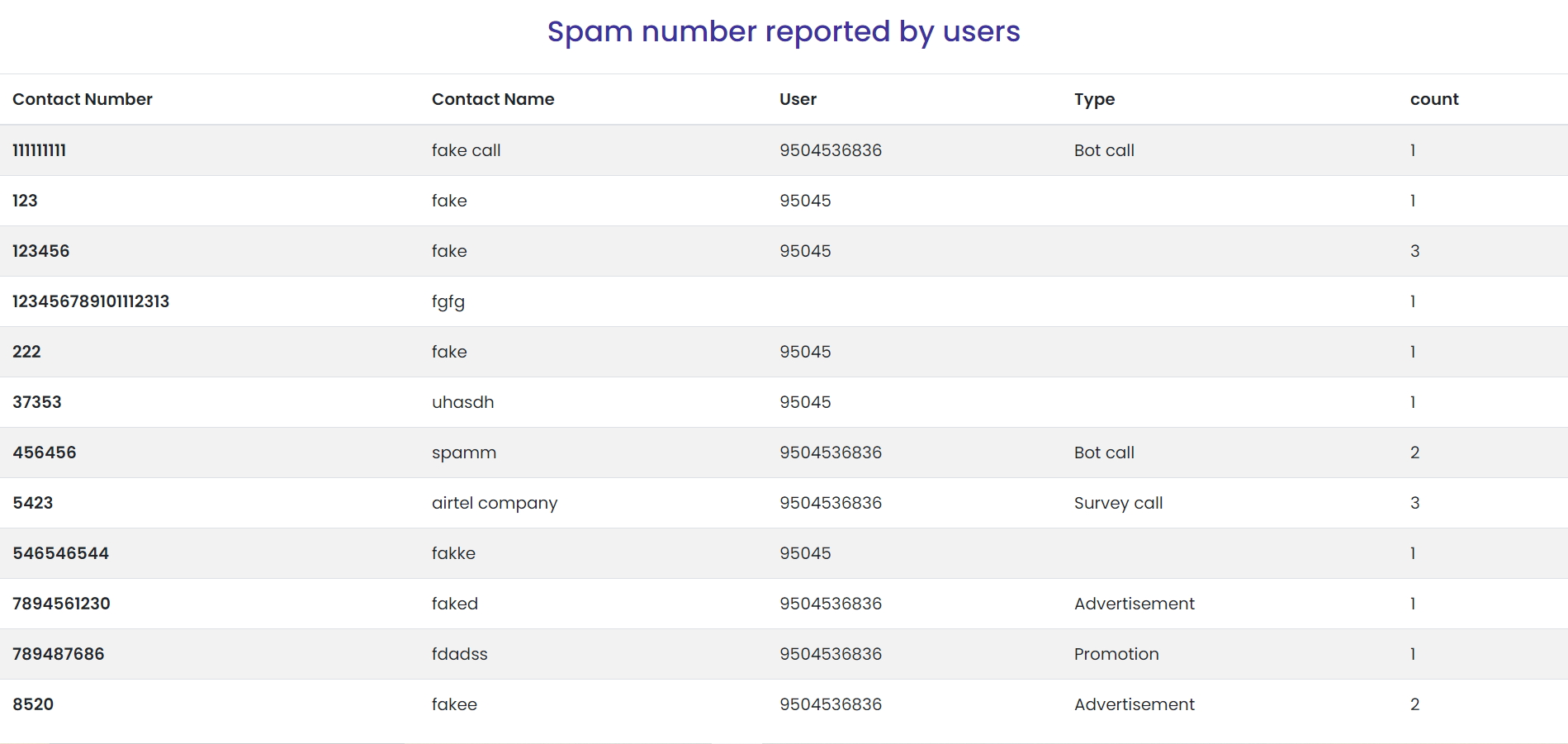
**All Spam detail**

Fig 6.1.2 All spam detail

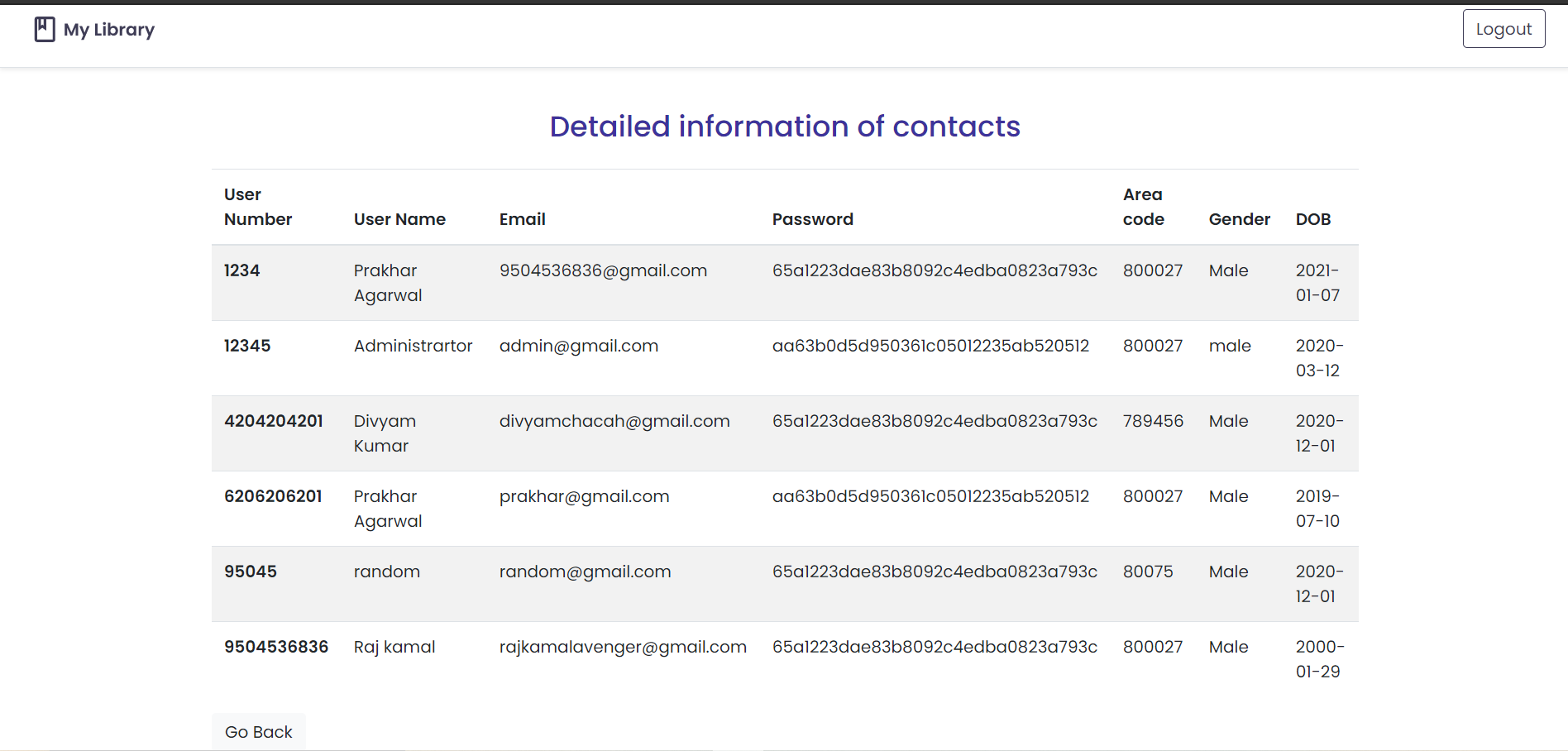
**All user information**

Fig 6.1.3 All user Information

**Log Table**

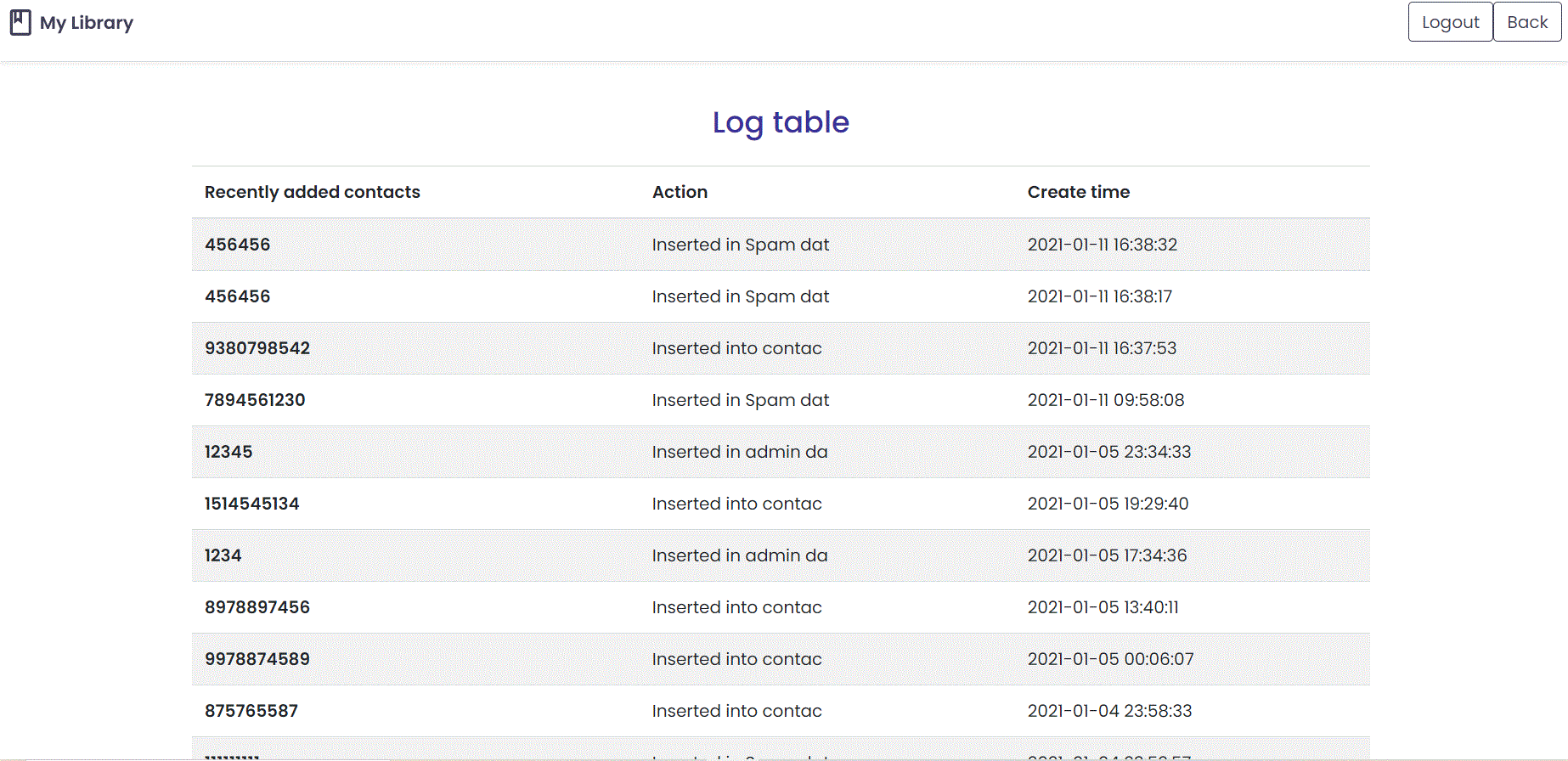
****

Fig 6.1.4 Logs table

**Search result of unknown number**

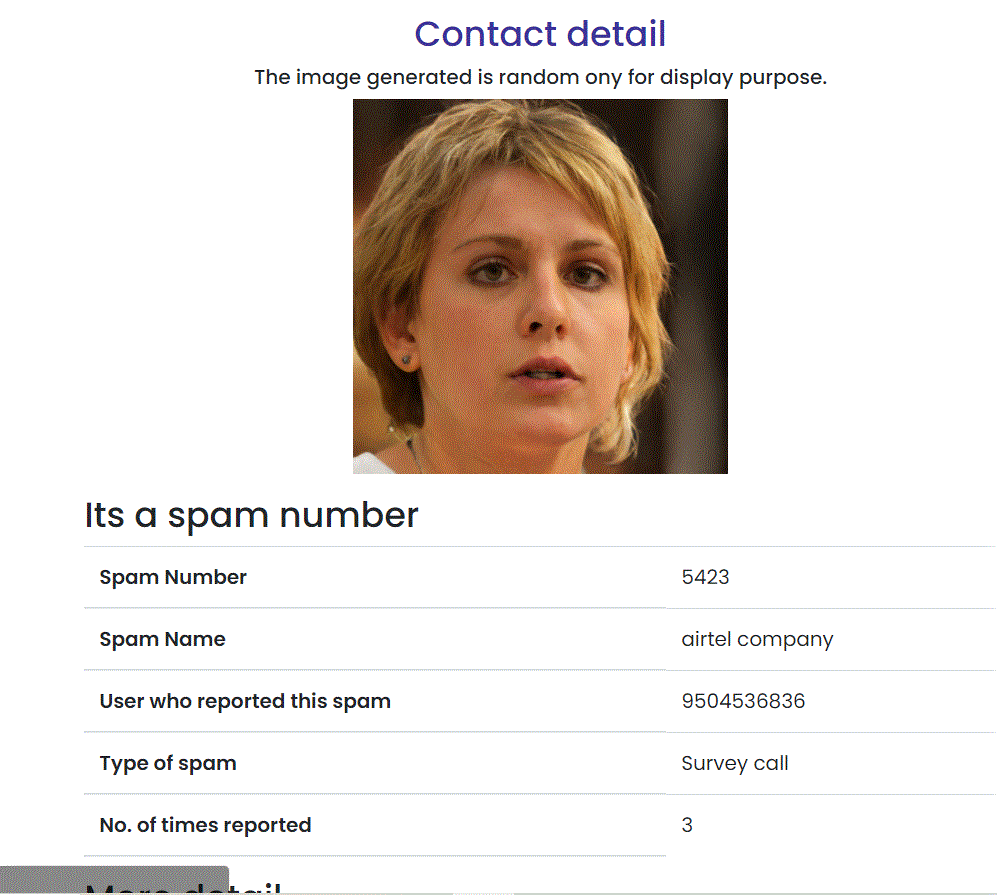
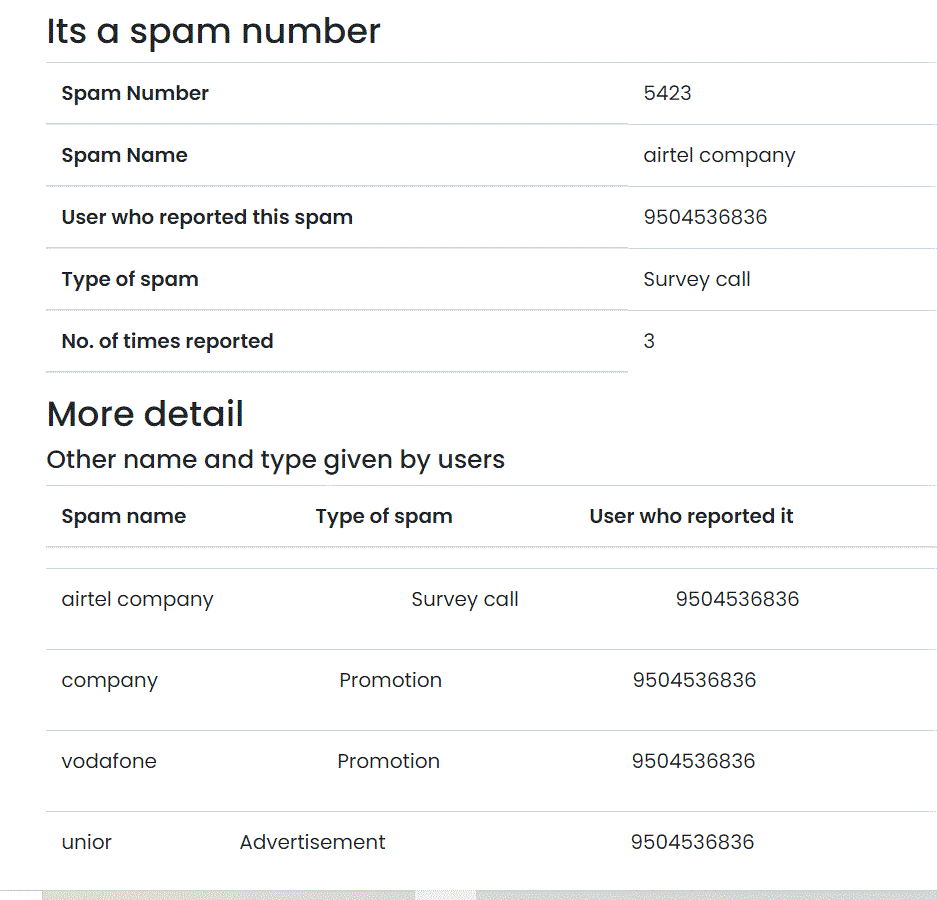
****

Fig 6.1.5 search result

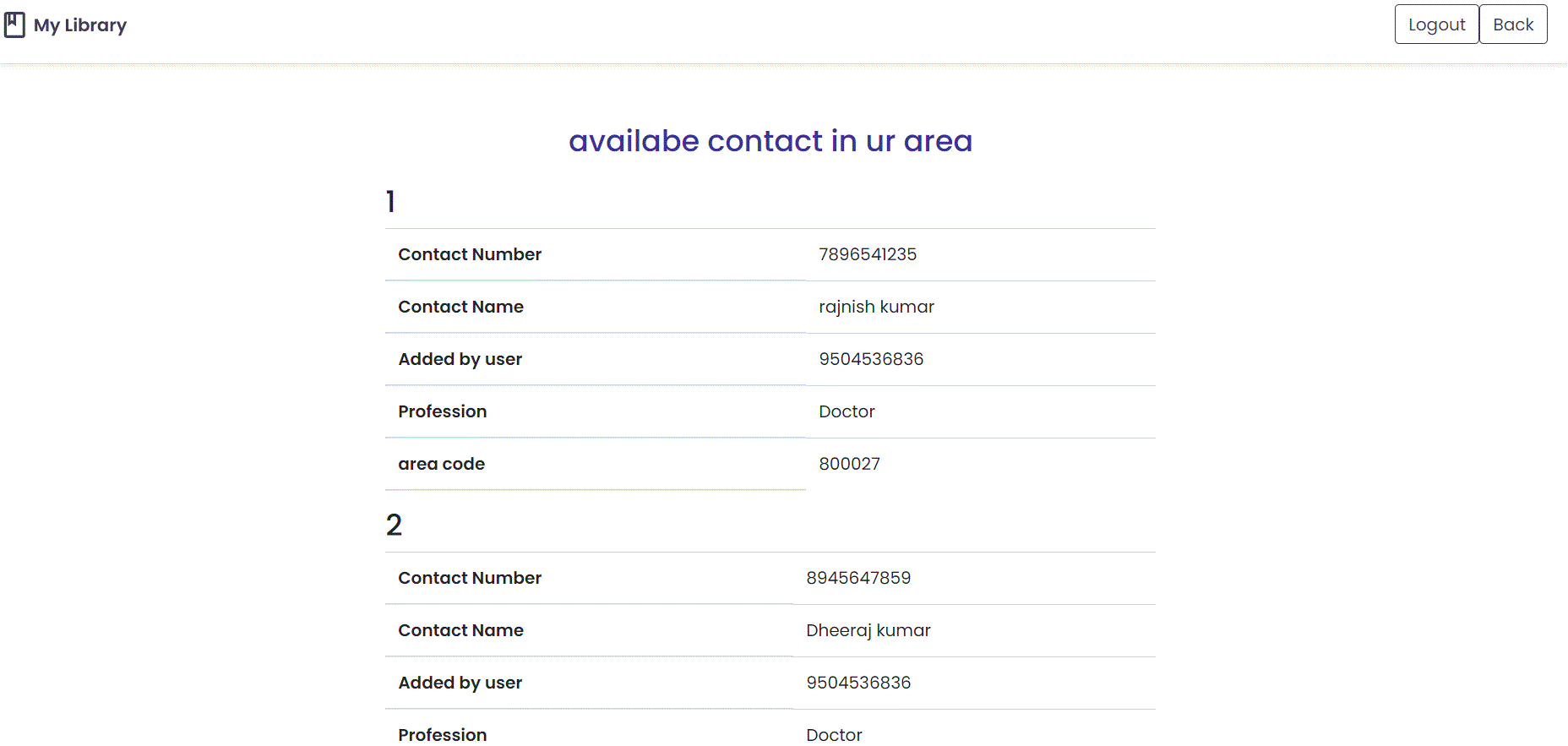
**Contact search based on profession and area**

Fig 6.1.6 Contact list based on profession and area

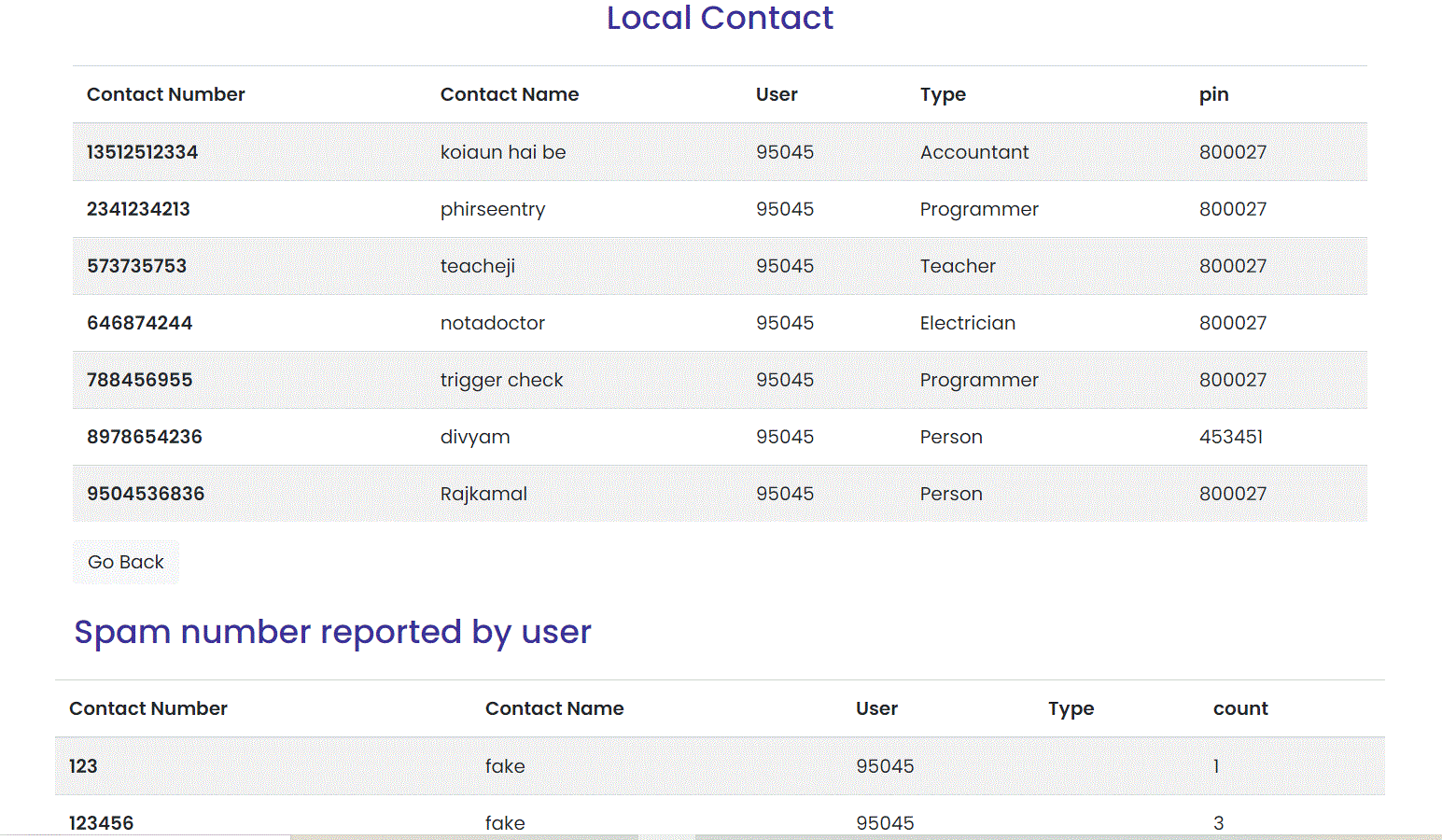
**Contacts added by each user**

Fig 6.1.7 List of contact added by users

**Sign up page**

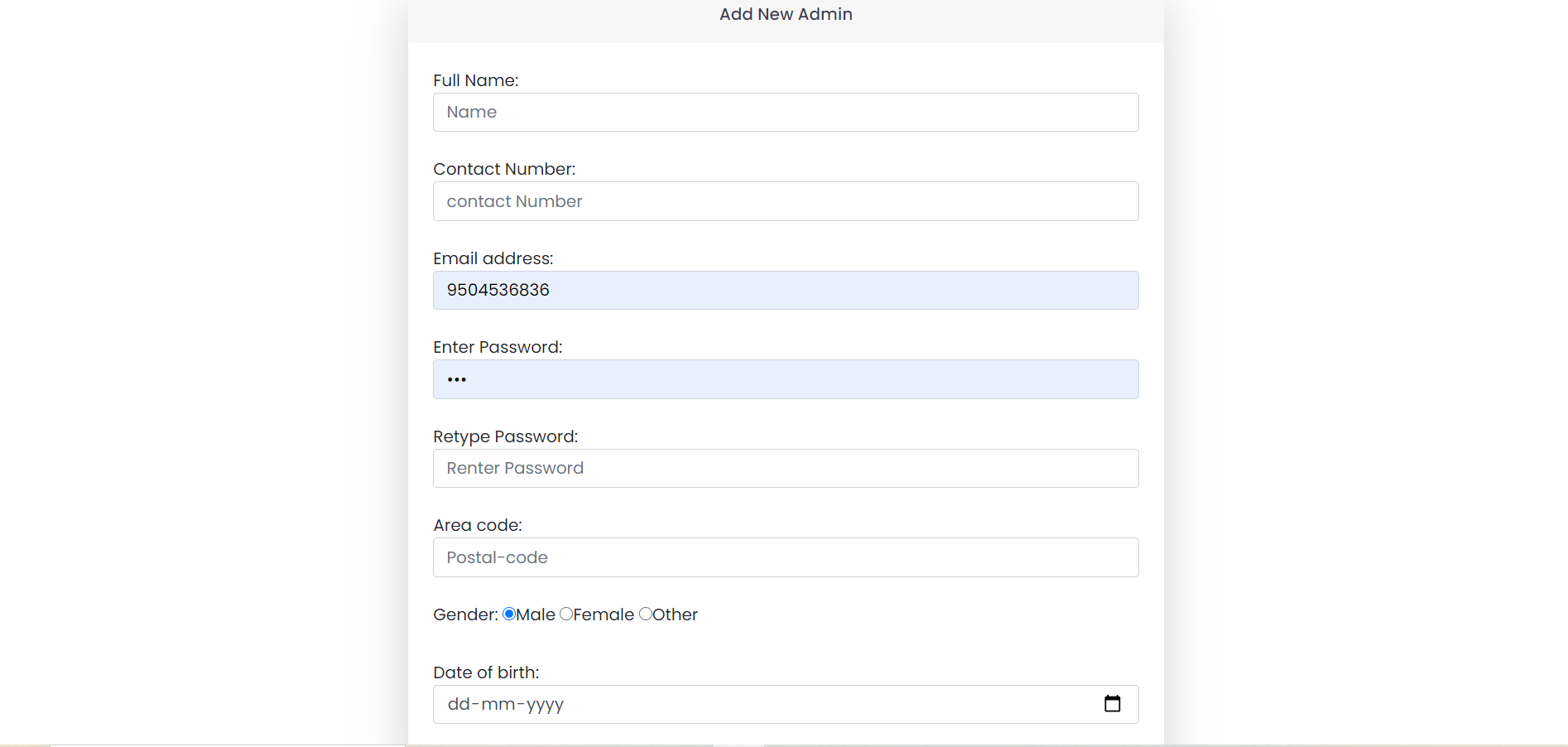
****

Fig 6.1.8 Signup new user

**CHAPTER-7**

**APPLICATION**

**APPLICATIONS**

**7.1 Applications**

* This database when implement into web-based application can be used to identify unknown Contacts.
* It enables us to know whether a contact is authentic or a spam
* The database is build using crowd-source. To query the database or to use the application the user must enable the application to collect data from its contact list.
* Enables us get the contact details of people of a particular profession (like Teacher, doctor etc) available in a particular area.

**CHAPTER-7**

**CONCLUSION**

**CONCLUSION**

**8.1 Conclusion**

This project stores data from crowd-sourcing. It manages local contacts for every user, identifies spam numbers and search for contact numbers globally as per certain constraints. I conclude by saying that database management is a very important skill in today’s world and without it companies cannot survive. So, I feel my project is a right step towards showcasing its Practical usage.