# 3.4 DATAFLOW DIAGRAM:- Dataflow Diagram is a graphical representation

Of flow of data in an information system. It is capable of depicting incoming data flow, outgoing data flow and stored data. The DFD does not mention anything about how data flows through the system.

There is a prominent difference between the DFD and Flowchart. The Flowchart depicts flow of control in program modules. DFD depict flow of data in the system at various levels. DFD does not contain any control or branch elements. The different component of Dataflow Diagram is explained below:-

Entities:- Entities are source and destination of information data. Entities are represented by a rectangles with their respective names.
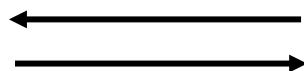
```
┌─────────────────────────┐
│         Entity          │
└─────────────────────────┘
```

Process - Activities and action taken on the data are represented by Circle or oval Shapes.

```
   ⬤              ⬤
 Process        Process
```
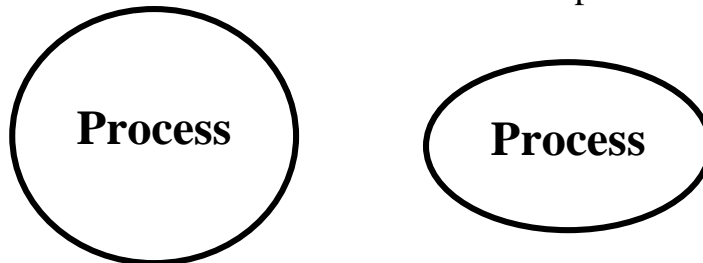
Data Storage:- There are two variants of data storage- It can either be represented as a rectangle with absence of both smaller sides or as an open- sided rectangle with only one side missing.

```
  Data Store              Data Store
```

Data Flow:- Movement of data is shown by pointed arrows. Data movement is shown from the base of arrow as its source towards head of the arrow as destination.

```
  ◄──────────────
  ──────────────►
```

3.4.1 CONTEXT DIAGRAM

Users details

Posting

Pollution control System
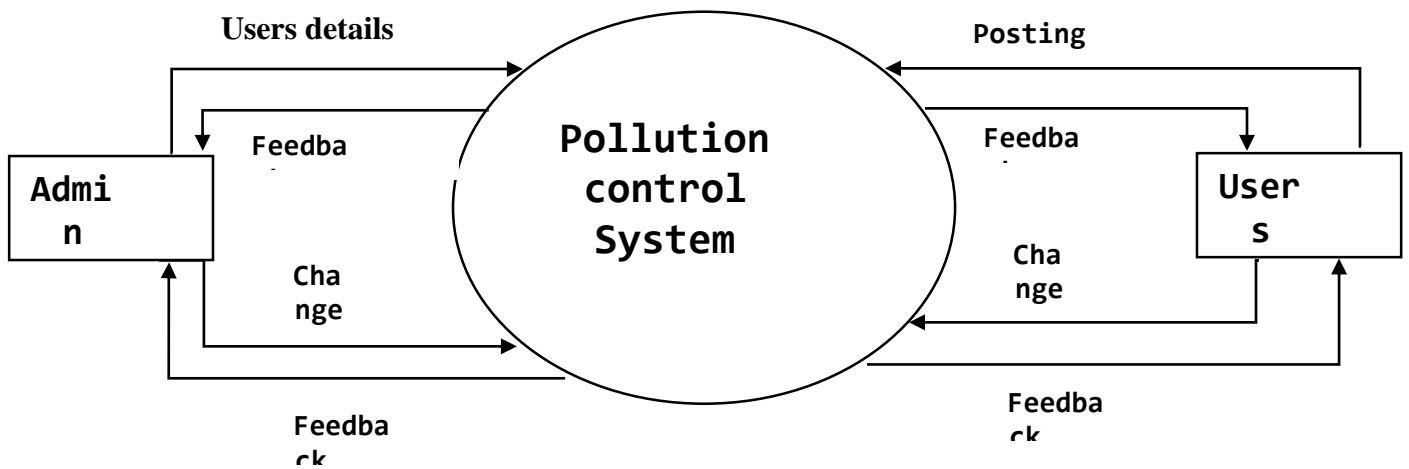
Feedba

Feedba

Admin

Users

Cha nge

Cha nge

Feedba ck

Feedba ck

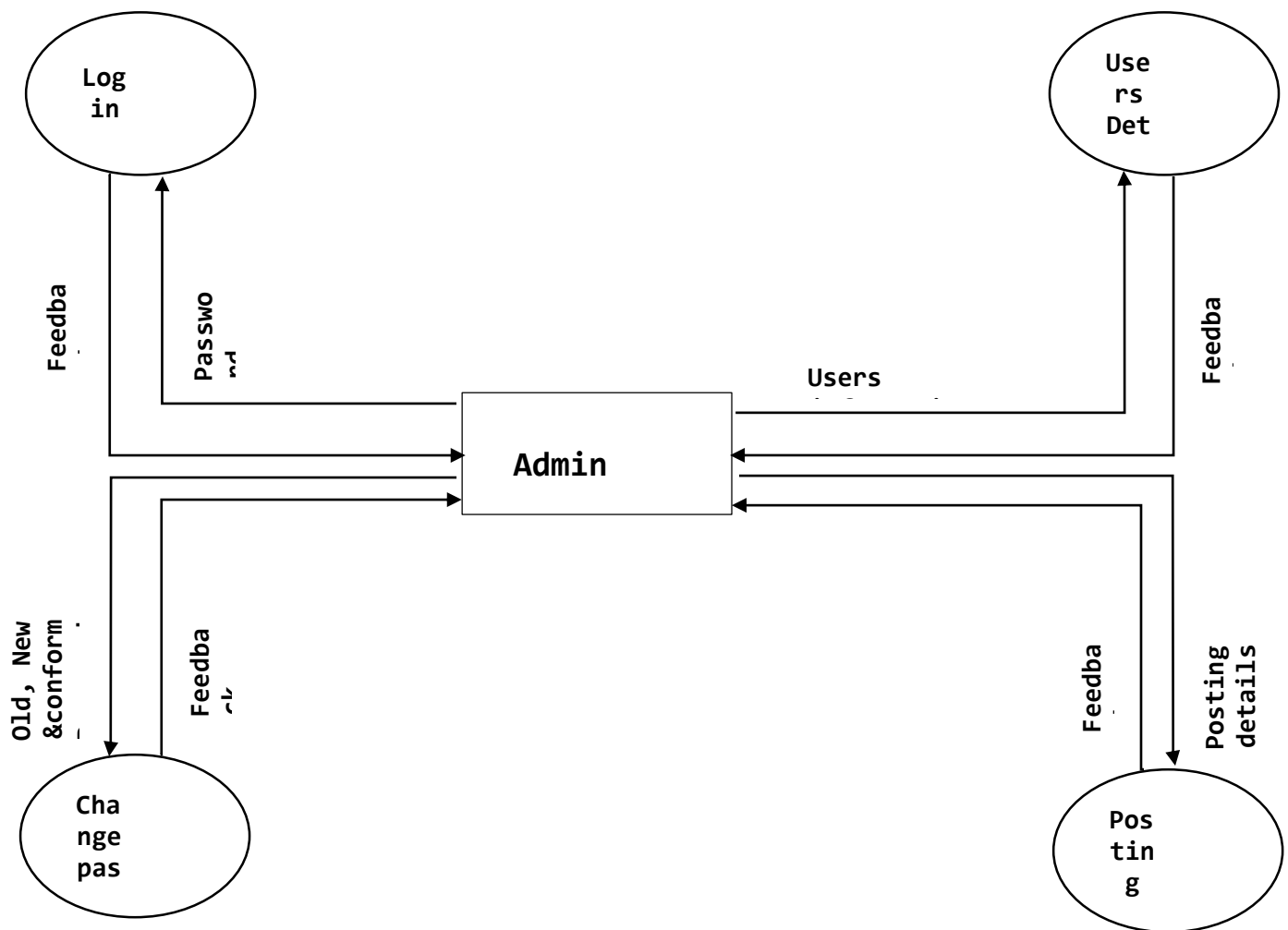**Fig:-DFD Level 0: Context Diagram**

3.4.2 APPLICATION PROCESS: Admin

Fig:- DFD Level 1.0:- Application Process: Administrator

3.4.3 ADMIN LOGIN SYSTEM
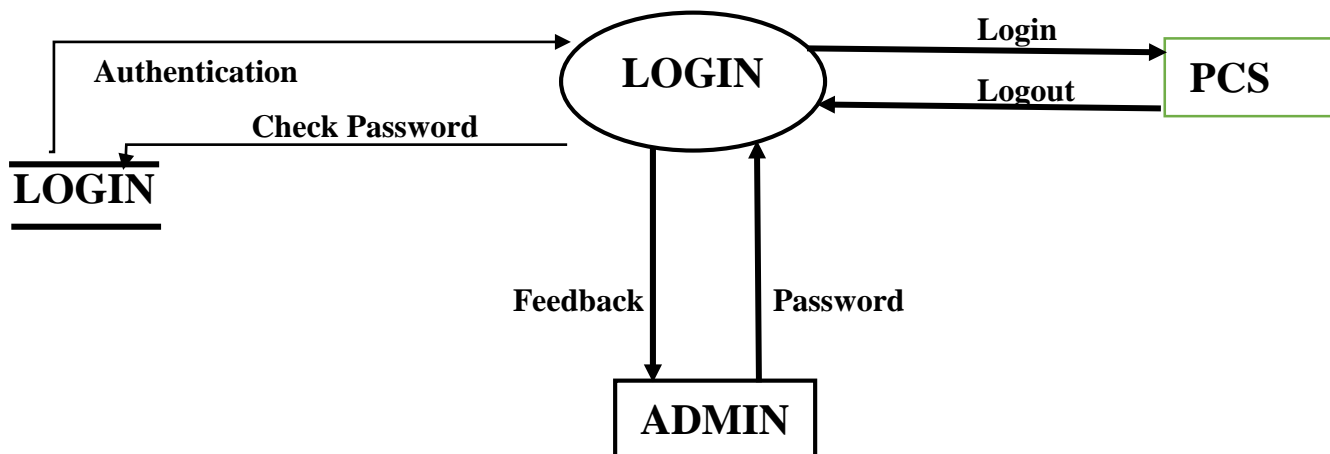
Fig:- DFD Level 1.1:- Function Process:-Admin Login System

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3.4.4 USERS LOGIN SYSTEM
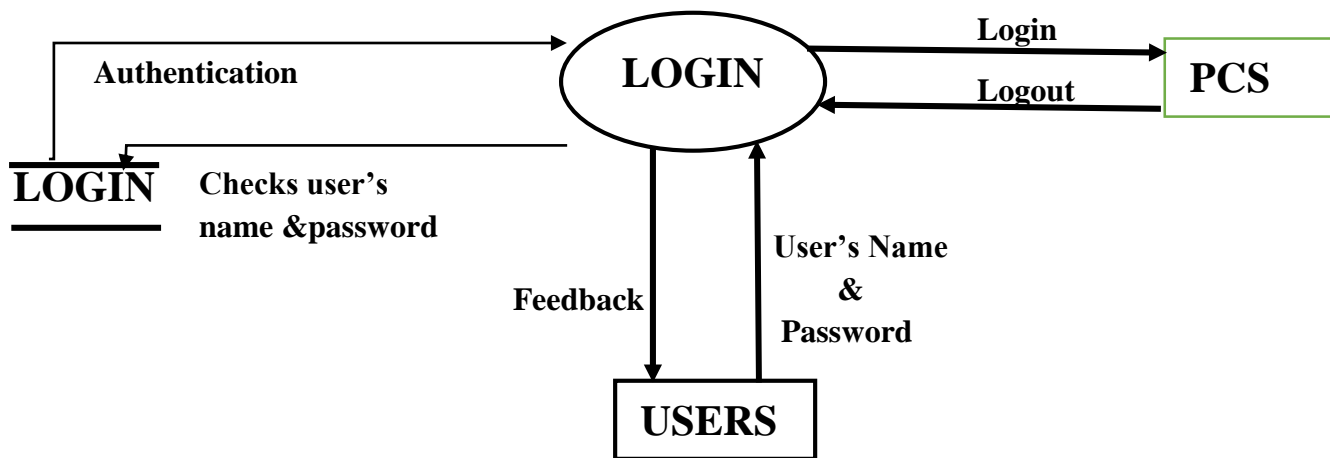
Fig:- DFD Level 1.2:- Function Process:-Admin Login System

3.4.5 Change password


```
        Old, New & Conform Password
                                              Change
                                              Passwo
                     Feedback                   rd
Change password


                                    Feed        Change



                                          Users
```
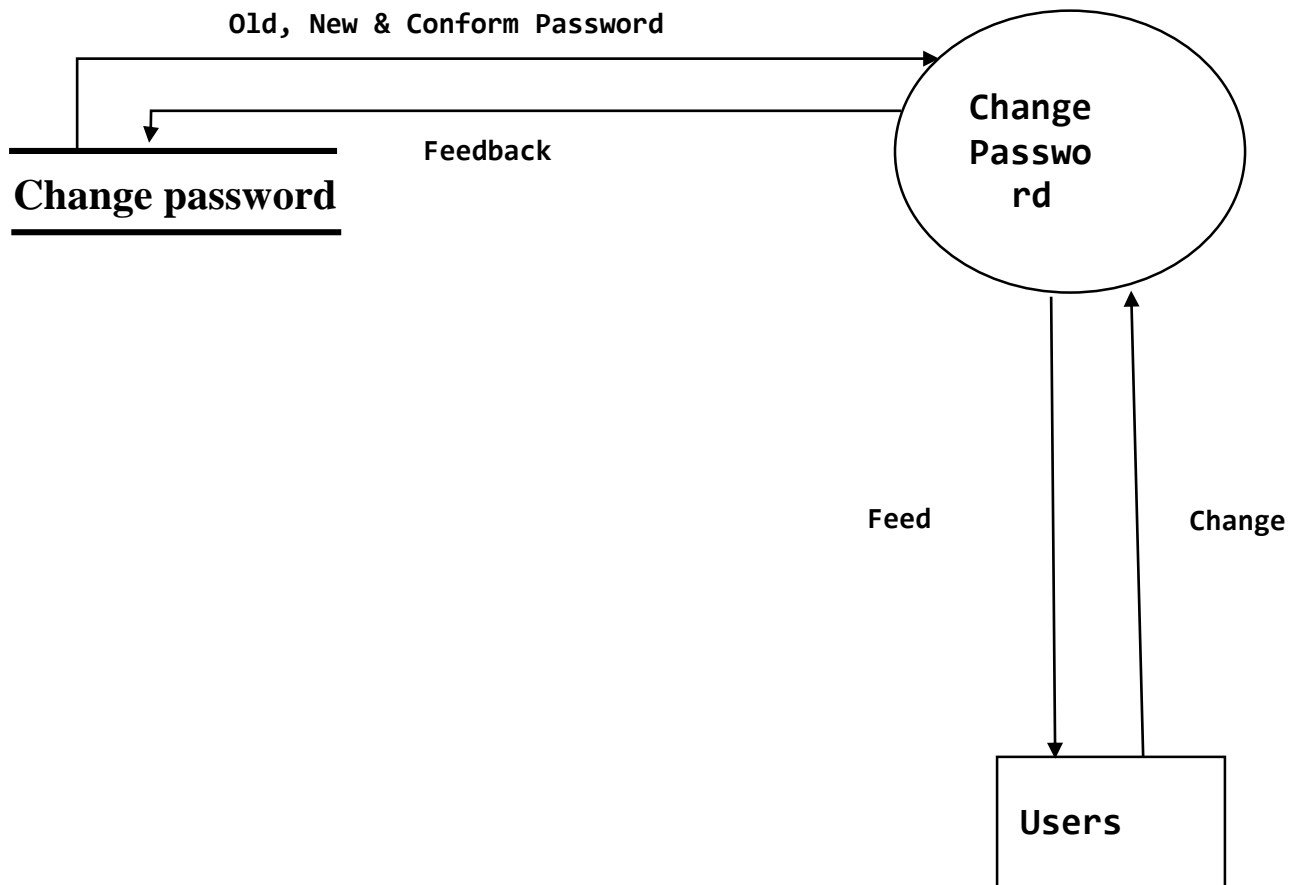
Fig:- DFD Level 1.3:- Function Process:- Change password
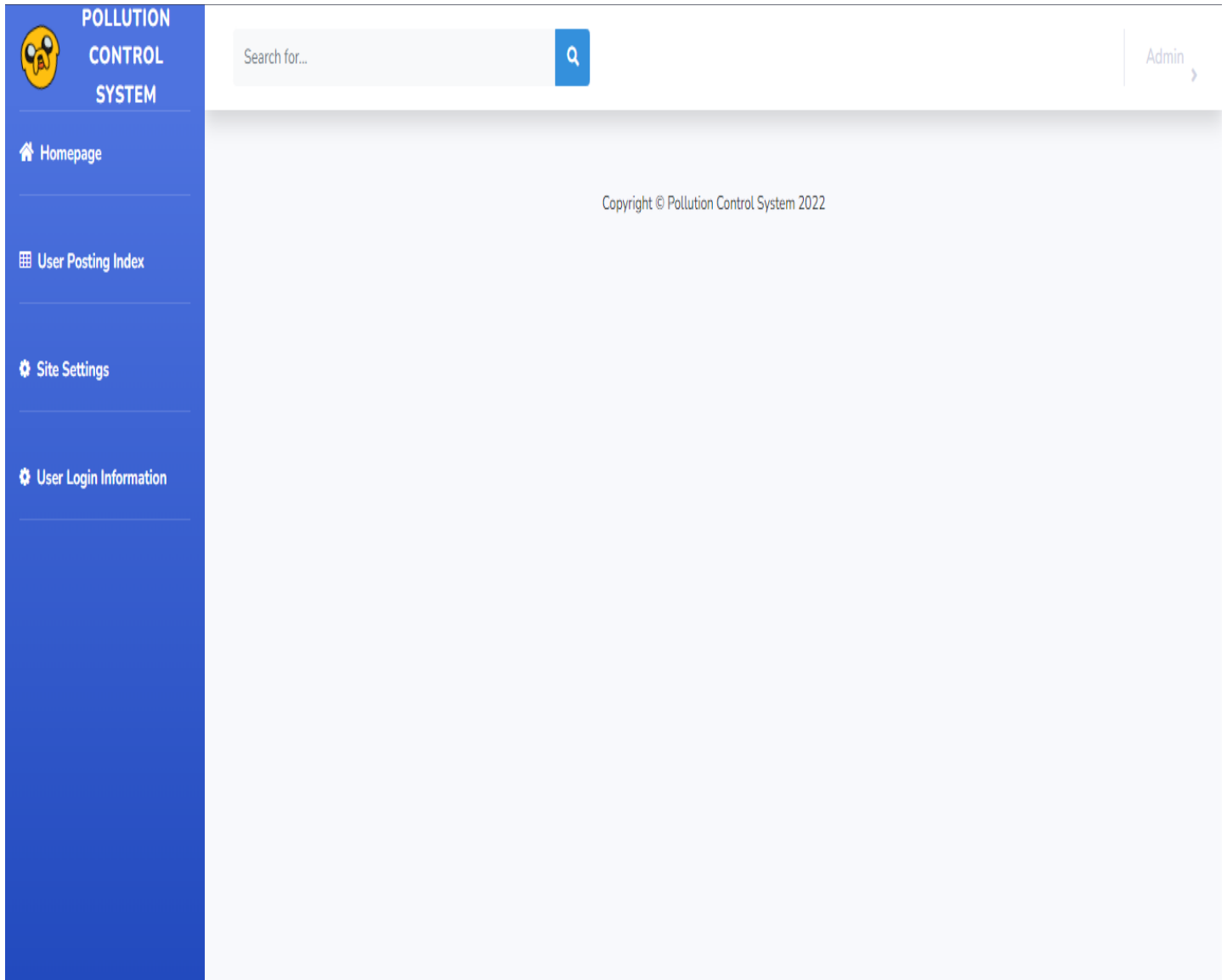
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PAGE DESIGNS

4.1: ADMIN HOME PAGE:

BIRGUNJ INSTITUTE OF TECHNOLOGY

4.2: USERS HOME PAGE:

BIRGUNJ INSTITUTE OF TECHNOLOGY

4.3:USER ABOUT PAGE:

BIRGUNJ INSTITUTE OF TECHNOLOGY
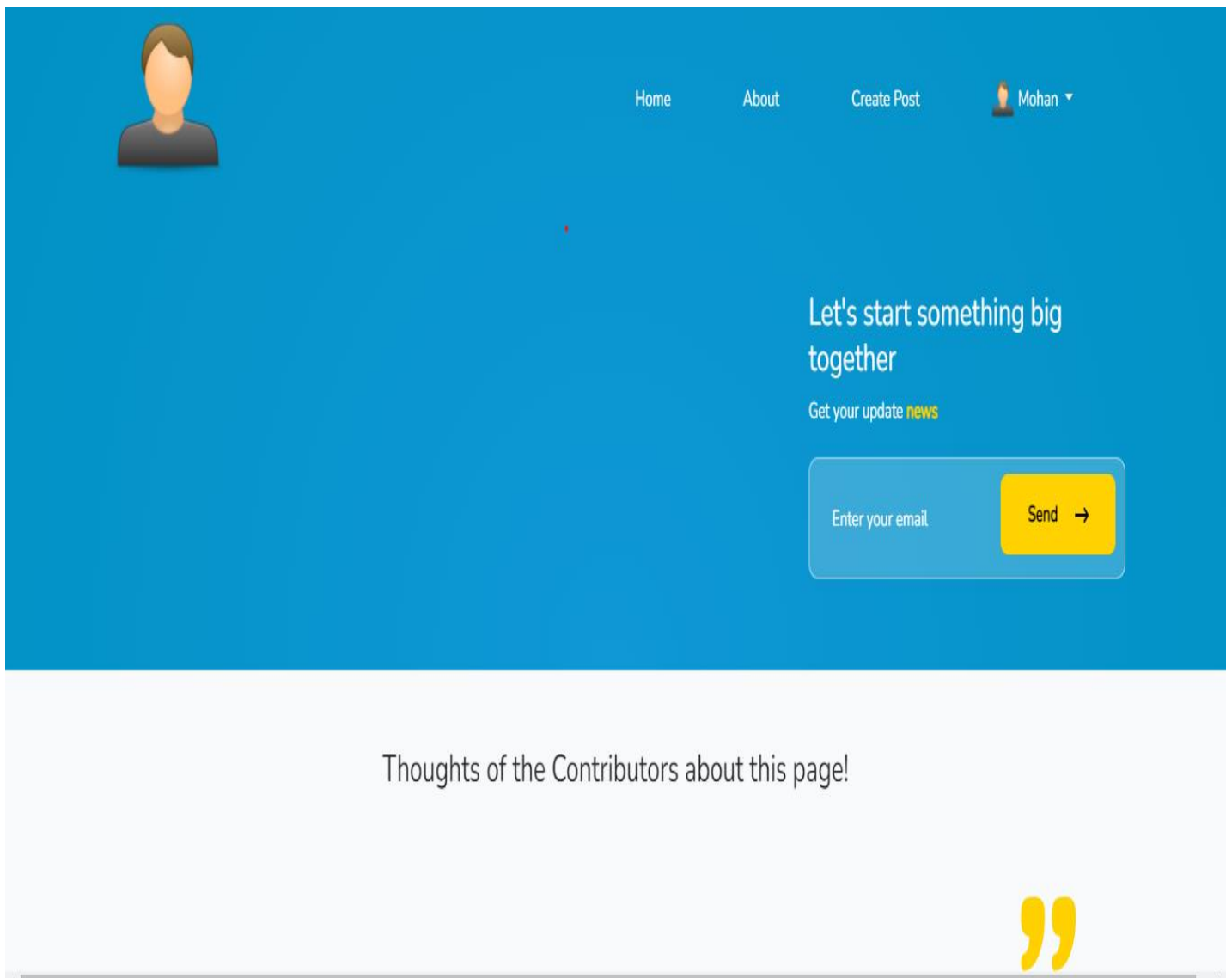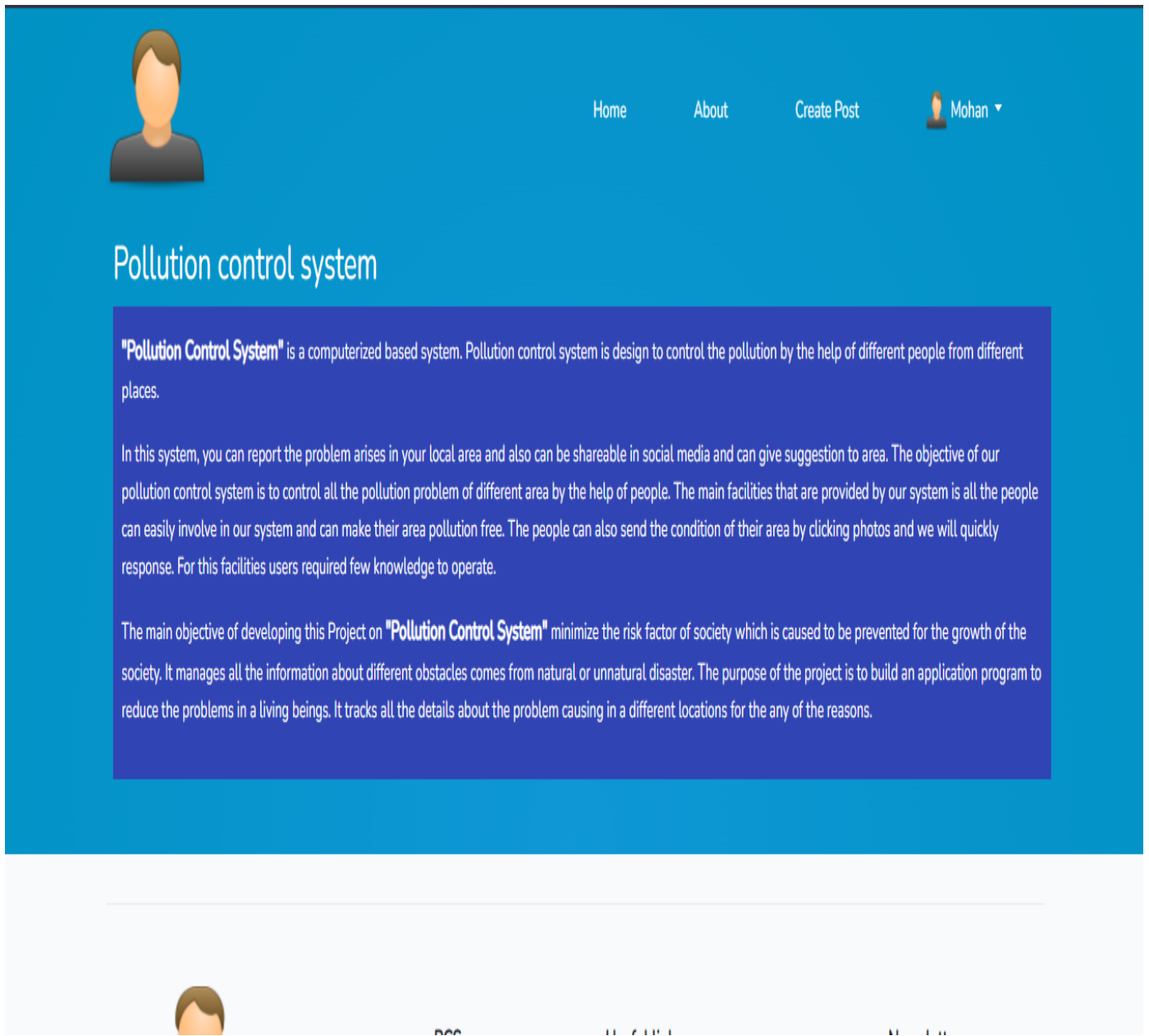
POLLUTION CONTROL SYSTEM

4.4: USER POSTING FROM PAGE:

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POLLUTION CONTROL SYSTEM

4.5: <u>USER POSTING INDEX:</u>

Id	Name	Location	Mobile Number	User	Description	Image	Status	Approved/Declined	Actions
1		Suki Brown	9685745321	Eum ut similique dui		Diana Edwards	Tanner Gallegos		Delete
2	Dena Roob	Expedita blanditiis eaque rem et perferendis amet nostrum.	Aperiam consectetur quia ea rerum.	Et quibusdam tempora ullam et consequatur cumque dolor.		Daija Bruen	Rerum molestiae quos nesciunt quis saepe quia.		Delete
3	Helene Ledner	Vel sint id quis earum.	Repudiandae corporis odio labore necessitatibus consectetur dolor voluptate.	Saepe similique vero dolores error repudiandae est quia.		Dr. Donna Hoeger III	Et omnis praesentium rerum optio adipisci ut.		Delete
4	Johnathan Rogahn	Officiis eius qui corrupti.	Totam aut sit incidunt dolore.	Voluptatem vel aliquid nobis incidunt		Henri Schoen Jr.	Sit voluptatem quis sunt omnis.		Delete

Sidebar navigation:
- Homepage
- User Posting Index
- Site Settings
- User Login Information

POLLUTION CONTROL SYSTEM

Search for... 🔍 Admin

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POLLUTION CONTROL SYSTEM

4.6: USER UPDATE PROFILE INFORMATION FORM:

Home   About   Create Post   Mohan ▼

UPDATE YOUR INFORMATION

Mohan

Name

Simara

Address

8570486

Phone Number

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4.7: <u>USERS UPDATE PROFILE:</u>

4.8: <u>HEADER USERS PAGE:</u>

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4.9: SITE SETTING:

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4.10: <u>FOOTER USERS PAGE:</u>

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CODING

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5.1: <u>BACKENDS (layouts. Include):-</u>

5.1.0: FOOTERS.BLADE:-

```
<footer class="sticky-footer">
  <div class="container my-auto">
    <div class="copyright text-center my-auto">
      <Span>Copyright &copy; Pollution Control System 2022</span>
    </div>
  </div>
</footer>
```

5.1.1 HEADER.BLADE:-

```
<nav class="navbar navbar-expand navbar-light bg-white topbar mb-4 static-top shadow">

  <!-- Sidebar Toggle (Topbar) -->
  <button id="sidebarToggleTop" class="btn btn-link d-md-none rounded-circle mr-3">
    <i class="fa fa-bars"></i>
  </button>

  <!-- Topbar Search -->
  <form class="d-none d-sm-inline-block form-inline mr-auto ml-md-3 my-2 my-md-0 mw-100
navbar-search">
    <div class="input-group">
      <input type="text" class="form-control bg-light border-0 small" placeholder="Search for..."
        aria-label="Search" aria-describedby="basic-addon2">
      <div class="input-group-append">
        <button class="btn btn-primary" type="button">
          <i class="fas fa-search fa-sm"></i>
        </button>
      </div>
    </div>
  </form>

  <!-- Topbar Navbar -->
  <ul class="navbar-nav ml-auto">
```

```html
<!-- Nav Item - Search Dropdown (Visible Only XS) -->
<li class="nav-item dropdown no-arrow d-sm-none">
  <a class="nav-link dropdown-toggle" href="#" id="searchDropdown" role="button"
    data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
    <i class="fas fa-search fa-fw"></i>
  </a>
  <!-- Dropdown - Messages -->
  <div class="dropdown-menu dropdown-menu-right p-3 shadow animated--grow-in"
    aria-labelledby="searchDropdown">
    <form class="form-inline mr-auto w-100 navbar-search">
      <div class="input-group">
        <input type="text" class="form-control bg-light border-0 small"
          placeholder="Search for..." aria-label="Search"
          aria-describedby="basic-addon2">
        <div class="input-group-append">
          <button class="btn btn-primary" type="button">
            <i class="fas fa-search fa-sm"></i>
          </button>
        </div>
      </div>
    </form>
  </div>
</li>

<div class="topbar-divider d-none d-sm-block"></div>

  <!-- Authentication Links -->
  @guest
  <li class="nav-item">
    <a class="nav-link" href="{{ route('admin.login') }}">{{ __('Login') }}</a>
  </li>
  @else
  <li class="nav-item dropdown">
    <a id="navbarDropdown" class="nav-link dropdown-toggle" role="button" data-
toggle="dropdown" aria-haspopup="true" aria-expanded="false" v-pre>
      Admin
    </a>

    <div class="dropdown-menu dropdown-menu-right" aria-labelledby="navbarDropdown">
      <a class="dropdown-item" href="{{ route('admin.logout') }}"
        onclick="event.preventDefault();
                document.getElementById('logout-form').submit();">
        {{ __('Logout') }}
```

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```
            </a>

            <form id="logout-form" action="{{ route('admin.logout') }}" method="POST"
style="display: none;">
                @csrf
            </form>
          </div>
        </li>
      @endguest

    </ul>

</nav>
```

5.1.2:- SIDEBAR.BLADE:-

```
<ul class="navbar-nav bg-gradient-primary sidebar sidebar-dark accordion" id="accordionSidebar">

    <!-- Sidebar - Brand -->
    <a class="sidebar-brand d-flex align-items-center justify-content-center" href="{{
route('admin.dashboard') }}">
        <div class="sidebar-brand-icon rotate-n-15">
          <img src="img\myicon\icons8-jake-48.png" alt="home">
        </div>
        <div class="sidebar-brand-text mx-3">Pollution Control System</div>
    </a>

    <!-- Divider -->
    <hr class="sidebar-divider my-0">

    <!-- Nav Item - Dashboard -->
    <li class="nav-item active">
      <a class="nav-link" href="{{ route('admin.dashboard') }}">
        <i class="fas fa-home" aria-hidden="true"></i>
        <span>Homepage</span></a>
    </li>

    <!-- Divider -->
    <hr class="sidebar-divider">

    <li class="nav-item active">
```
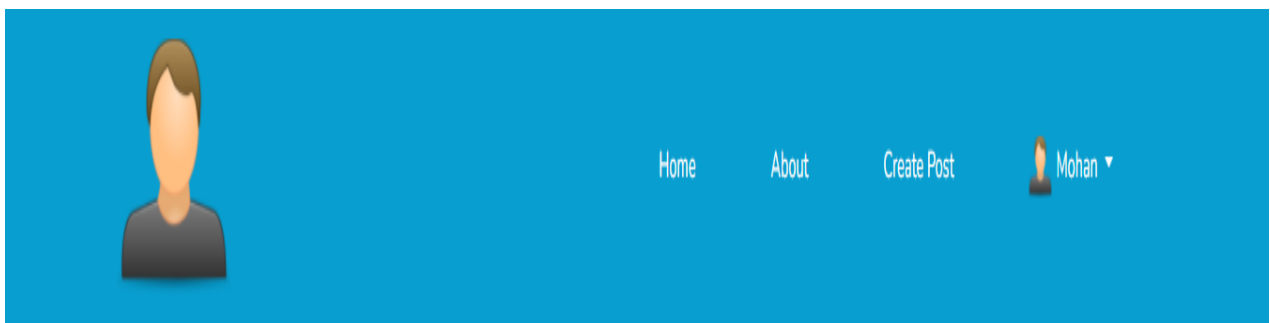
```
    <a class="nav-link" href="{{ route('userpost.show') }}">
      <i class="fa fa-table" aria-hidden="true"></i>
      <span>User Posting Index</span>
    </a>
  </li>

  <!-- Divider -->
  <hr class="sidebar-divider d-none d-md-block"><li class="nav-item active">
    <a class="nav-link" href="{{ route('site.settings') }}">
      <i class="fa fa-gear" aria-hidden="true"></i>
      <span>Site Settings</span>
    </a>
  </li>

  <!-- Divider -->
  <hr class="sidebar-divider d-none d-md-block"><li class="nav-item active">
    <a class="nav-link" href="">
      <i class="fa fa-gear" aria-hidden="true"></i>
      <span>User Login Information</span>
    </a>
  </li>

  <!-- Divider -->
  <hr class="sidebar-divider d-none d-md-block">

</ul>
```

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5.2: <u>BACKEND.LAYOUT</u>:-

5.2.1:ADMIN.BLADE:-
```
@extends('backend.layouts.master')
@section('content')

@endsection
```

5.2.2:LOGIN:-

```html
<html lang="en">
<head>
   <title>Admin - Login Page</title>
   <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css">
   <link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css"
rel="stylesheet"
      integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"
crossorigin="anonymous">
   <script src="https://ajax.googleapis.com/ajax/libs/jquery/2.1.3/jquery.min.js"></script>
   <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></script>



</head>

<body>
   <div class="container" style="margin-top: 50px">
     <div class="col-md-8 col-md-offset-2">
       <div class="panel panel-default">
         <div class="panel-heading">Login</div>

         @include('Extra.session_flash')

         <div class="panel-body">
```

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```
<form class="form-horizontal" method="POST" action="{{ route('admin.login.submit')
}}">

    @csrf

    <div class="form-group{{ $errors->has('email') ? ' has-error' : '' }}">
      <label for="email" class="col-md-4 control-label">E-Mail Address</label>
      <div class="col-md-6">
        <input id="email" type="text" class="form-control" name="email"
          value="{{ old('email') }}">
        @if ($errors->has('email'))
          <span class="help-block">
            <strong>{{ $errors->first('email') }}</strong>
          </span>
        @endif
      </div>
    </div>

    <div class="form-group{{ $errors->has('password') ? ' has-error' : '' }}">
      <label for="password" class="col-md-4 control-label">Password</label>
      <div class="col-md-6">
        <input id="password" type="password" class="form-control" name="password">
        @if ($errors->has('password'))
          <span class="help-block">
            <strong>{{ $errors->first('password') }}</strong>
          </span>
        @endif
      </div>
    </div>

    <div class="form-group">
      <div class="col-md-8 col-md-offset-4">
        <button type="submit" class="btn btn-primary">
          Submit
        </button>
      </div>
    </div>

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

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```
</body>

</html>
```

5.2.3:USERINDEX.BLADE:-

```
@extends('backend.layouts.master')
@section('content')

<meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>

<table class="table">

<thead>
  <tr>
    <th scope='col'>Id</th>
    <th scope='col'>Name</th>
    <th scope='col'>Address</th>
    <th scope='col'>Contact</th>
    <th scope='col'>Email</th>
    <th scope='col'>Image</th>
  </tr>
</thead>

<tbody>
  @if(isset($profiles))
    @foreach($profiles as $profile)
  <tr>
    <td>{{ $loop->iteration }}</td>
    <td>{{ Auth::user()->name }}</td>
    <td>{{ $profile->address }}</td>
    <td>{{ $profile->contact }}</td>
    <td>{{ $profile->email }}</td>

    <td>
      <img src="{{ $profile->image }}" height="50px" width="80px">
    </td>

  </tr>
```

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```
        @endforeach
      @endif
</tbody>


</table>


@endsection
```

5.3:<u>FRONTEND (INCLUDE):-</u>

5.3.1:ABOUT.BLADE:-

```
@extends('frontend.layouts.master')
@section('content')
   <div class="intro-wrapper">
     <div class="container">
        <h2>Pollution control system</h2>

<div class="page">
   <p><b style="font-size: 16px;text-transform:capitalize;">"Pollution control system"</b> is a
computerized based system. Pollution control system is design to control the pollution by the help of
different people from different places.</p>
   <p>
   In this system, you can report the problem arises in your local area and also can be shareable in
social media and can give suggestion to area. The objective of our pollution control system is to control
all the pollution problem of different area by the help of people. The main facilities that are provided
by our system is all the people can easily involve in our system and can make their area pollution free.
The people can also send the condition of their area by clicking photos and we will quickly response.
For this facilities users required few knowledge to operate.
   </p>
   <p>
   The main objective of developing this Project on <b style="font-size: 16px;text-
transform:capitalize;">"Pollution control system"</b> minimize the risk factor of society which is
caused to be prevented for the growth of the society. It manages all the information about different
obstacles comes from natural or unnatural disaster. The purpose of the project is to build an
application program to reduce the problems in a living beings. It tracks all the details about the
problem causing in a different locations for the any of the reasons.
</p>

</div>
<br><br>
     </div>
```

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```
    </div>

@endsection
```

5.3.2:FOOTER.BLADE:-

```html
    <div class="container text-center text-md-start">
      <div class="footer-wrap">
        <div class="about">
          <img src="{{ Session::get('site_setting') ? Session::get('site_setting')->logo : '' }}" alt=""
            width="auto" height="80px">
          <p class="text-muted py-4">

          </p>
          <div class="social-media">
            <a href="{{ Session::get('site_setting') ? Session::get('site_setting')->instagram : '' }}"
              class="me-2 text-reset" target="_blank"><img src="{{ 'img/icon/instagram-icon.svg'
}}" alt=""></a>
            <a href="{{ Session::get('site_setting') ? Session::get('site_setting')->facebook : '' }}"
              class="me-2 text-reset" target="_blank"><img src="{{ 'img/icon/facebook-icon.svg'
}}" alt=""></a>
            <a href="{{ Session::get('site_setting') ? Session::get('site_setting')->twitter : '' }}"
              class="me-2 text-reset" target="_blank"><img src="{{ 'img/icon/twitter-icon.svg' }}"
alt=""></a>
            <a href="{{ Session::get('site_setting') ? Session::get('site_setting')->youtube : '' }}"
              class="me-2 text-reset" target="_blank"><img src="{{ 'img/icon/youtube-icon.svg'
}}" alt=""></a>
          </div>
        </div>
        <div class="company">
          <p class="fw-bold" href="{{ url('/') }}">
            {{ Session::get('site_setting') ? Session::get('site_setting')->site_name : '' }}</p>
          <p><a href="{{ url('/about') }}">About</a></p>
          <p><a href="{{ url('/post') }}">User Posting</a></p>
          <p>
            <!-- Authentication Links -->
            @guest
              @if (Route::has('login'))
                <a href="{{ route('login') }}">{{ __('Login') }}</a>
              @endif
            @else
              <a href="">
                {{ Auth::user()->name }}</span>
```

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```
          </a>
        @endguest
      </p>
    </div>
    <div class="useful-links">
      <p class="fw-bold">Useful links</p>
      <p><a href="">Services</a></p>
      <p><a href="">Privacy Policy</a></p>
      <p><a href="">Documentation</a></p>
    </div>
    <div class="newsletter">
      <p class="fw-bold">Newsletter</p>
      <p class="text-muted">Sign up and receive the latest tips
        via email.</p>
      <form id="subscribe" action="{{ route('send.mail') }}" method="POST">
        @csrf
        <label for="email">Your E-mail:</label>
        <input type="email" placeholder="E-mail:" name="email" required>
        <button type="submit" class="main-btn">Subscribe</button>
      </form>
    </div>
  </div>
  <div class="copyright">
    <p>Copyrights &copy; {{ Session::get('site_setting') ? Session::get('site_setting')->copyright
: '' }}
      Pollution Control System | Created by PCS Group</p>
  </div>
</div>

?>
```

5.3.3:HEADER.BLADE:-

```
<div class="container text-center text-md-start">
  <div class="footer-wrap">
    <div class="about">
      <img src="{{ Session::get('site_setting') ? Session::get('site_setting')->logo : '' }}" alt=""
        width="auto" height="80px">
      <p class="text-muted py-4">

      </p>
      <div class="social-media">
```

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```html
        <a href="{{ Session::get('site_setting') ? Session::get('site_setting')->instagram : '' }}"
           class="me-2 text-reset" target="_blank"><img src="{{ 'img/icon/instagram-icon.svg'
}}" alt=""></a>
        <a href="{{ Session::get('site_setting') ? Session::get('site_setting')->facebook : '' }}"
           class="me-2 text-reset" target="_blank"><img src="{{ 'img/icon/facebook-icon.svg'
}}" alt=""></a>
        <a href="{{ Session::get('site_setting') ? Session::get('site_setting')->twitter : '' }}"
           class="me-2 text-reset" target="_blank"><img src="{{ 'img/icon/twitter-icon.svg' }}"
alt=""></a>
        <a href="{{ Session::get('site_setting') ? Session::get('site_setting')->youtube : '' }}"
           class="me-2 text-reset" target="_blank"><img src="{{ 'img/icon/youtube-icon.svg'
}}" alt=""></a>
      </div>
    </div>
    <div class="company">
      <p class="fw-bold" href="{{ url('/') }}">
        {{ Session::get('site_setting') ? Session::get('site_setting')->site_name : '' }}</p>
      <p><a href="{{ url('/about') }}">About</a></p>
      <p><a href="{{ url('/post') }}">User Posting</a></p>
      <p>
        <!-- Authentication Links -->
        @guest
          @if (Route::has('login'))
            <a href="{{ route('login') }}">{{ __('Login') }}</a>
          @endif
        @else
          <a href="">
            {{ Auth::user()->name }}</span>
          </a>
        @endguest
      </p>
    </div>
    <div class="useful-links">
      <p class="fw-bold">Useful links</p>
      <p><a href="">Services</a></p>
      <p><a href="">Privacy Policy</a></p>
      <p><a href="">Documentation</a></p>
    </div>
    <div class="newsletter">
      <p class="fw-bold">Newsletter</p>
      <p class="text-muted">Sign up and receive the latest tips
        via email.</p>
      <form id="subscribe" action="{{ route('send.mail') }}" method="POST">
```

```
    @csrf
    <label for="email">Your E-mail:</label>
    <input type="email" placeholder="E-mail:" name="email" required>
    <button type="submit" class="main-btn">Subscribe</button>
  </form>
  </div>
  </div>
  <div class="copyright">
    <p>Copyrights &copy; {{ Session::get('site_setting') ? Session::get('site_setting')->copyright : '' }}
      Pollution Control System | Created by PCS Group</p>
  </div>
</div>

?>
```

5.4.1:FRONTEND.MASTER.BLADE:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <!-- CSRF Token -->
  <meta name="csrf-token" content="{{ csrf_token() }}">
  <link rel="shortcut icon" href="user.png" type="image/x-icon">
  <title>Pollution Control - User</title>

  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link href="https://fonts.googleapis.com/css2?family=Fredoka+One&family=Open+Sans&display=swap" rel="stylesheet">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/css/bootstrap.min.css" rel="stylesheet"
    integrity="sha384-KyZXEAg3QhqLMpG8r+8fhAXLRk2vvoC2f3B09zVXn8CA5QIVfZOJ3BCsw2P0p/We" crossorigin="anonymous">
  <script src="https://kit.fontawesome.com/0e035b9984.js" crossorigin="anonymous"></script>
  <link rel="stylesheet" href="https://use.typekit.net/rrg4put.css">
  <link rel="stylesheet" href="{{ asset('css/main.css') }}">
```

POLLUTION CONTROL SYSTEM

```html
<!-- Styles -->
<link href="{{ asset('css/app.css') }}" rel="stylesheet">
<!-- Scripts -->
<script src="{{ asset('js/app.js') }}" defer></script>

</head>

<body>

    <nav class="navbar navbar-expand-lg fixed-top">
        @include('frontend.layouts.includes.header')
    </nav>
    <main>
        @yield('content')
    </main>
    <!-- Footer -->
    <footer>
        @include('frontend.layouts.includes.footer')
    </footer>

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/js/bootstrap.bundle.min.js"
        integrity="sha384-
U1DAWAznBHeqEIlVSCgzq+c9gqGAJn5c/t99JyeKa9xxaYpSvHU5awsuZVVFIhvj"
crossorigin="anonymous">
    </script>

    <script src="{{ asset('./js/nav-bg.js') }}"></script>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>

</body>

</html>
```

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5.4.2FRONTEND.PROFILE.BLADE:-

```
@extends('frontend.layouts.master')
@section('content')
<div class="intro-wrapper">
  <div class="container">
    <section class="h-100 bg-dark">
      <div class="container py-5 h-100">
       <div class="row d-flex justify-content-center align-items-center h-100">
         <div class="col">
           <div class="card card-registration my-4">
             {{-- <div class="row g-0">
              <div class="col-xl-6 d-none d-xl-block">
               <img
                 src="{{ asset('img\img4.webp') }}"
                 alt="Sample photo"
                 class="img-fluid"
                 style="border-top-left-radius: .25rem; border-bottom-left-radius: .25rem;"/>
             </div> --}}
             <div class="col-xl-6">
              <div class="card-body p-md-5 text-black">
               <h3 class="mb-5 text-uppercase">Update your information</h3>
                  <form action="{{ route('update.profile') }}" name="form" method="POST"
enctype="multipart/form-data">
                   @csrf
                  <div class="row">
                   <div class="form-outline mb-4">
                    <div class="form-outline">
                    <input type="text" id="form3Example1m" value="{{ Auth::user()->name ?
Auth::user()->name : '' }}" class="form-control form-control-lg" name="name" />
                      <label class="form-label" for="form3Example1m">Name</label>
                     </div>
                    </div>

                   <div class="form-outline mb-4">
                    <input type="text" id="form3Example8" value="{{ Auth::user()->address ?
Auth::user()->address : '' }}" class="form-control form-control-lg" name="address" />
```

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```html
        <label class="form-label" for="form3Example8">Address</label>
      </div>

      <div class="form-outline mb-4">
        <input type="text" id="form3Example97" value="{{ Auth::user()->contact ?
Auth::user()->contact : '' }}" class="form-control form-control-lg" name="contact" />
        <label class="form-label" for="form3Example97">Phone Number</label>
      </div>

      <div class="form-outline mb-4">
        <input type="text" id="form3Example97" value="{{ Auth::user()->email ?
Auth::user()->email : '' }}" class="form-control form-control-lg" name="email" />
        <label class="form-label" for="form3Example97">Email ID</label>
      </div>

      <div class="form-outline mb-4">
        <input type="file" id="form3Example97" value="{{ Auth::user()->image ?
Auth::user()->image : '' }}" class="form-control form-control-lg" name="image" />
        <label class="form-label" for="form3Example97">Upload profile</label>
      </div>

      <div class="d-flex justify-content-end pt-3">
        <button type="reset" class="btn btn-light btn-lg">Reset all</button>
        <input type="submit" class="btn btn-warning btn-lg ms-2" value="Update
information">
      </div>
        </form>
      </div>
     </div>
    </div>
   </div>
  </div>
   </section>
  </div>
</div>

<style>
  .card-registration .select-input.form-control[readonly]:not([disabled]) {
 font-size: 1rem;
 line-height: 2.15;
 padding-left: .75em;
```

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```
      padding-right: .75em;
     }
     .card-registration .select-arrow {
      top: 13px;
     }
     </style>
@endsection
```

5.4.3:FRONTEND.WELCOME.BLADE:-

```
@extends('frontend.layouts.master')
@section('content')
  <div class="intro-wrapper">
    <div class="container">
      <div class="row">
        <div class="col-md-5 col-xl-4 ms-auto mt-5">
          <h3>Let's start something big together</h3>
          <label for="">Get your update <span>news</span></label>
          <div class="news-form">

            <form action="{{ route('send.mail') }}" method="post">
              @csrf
              <input type="email" name="email" placeholder="Enter your email">
              <button class="main-btn" type="submit">Send <img style="width: 15px; margin-
left: 15px;"
                      src="{{ asset('img/icon/arrow-right-icon-black.svg') }}" alt=""></button>
            </form>

          </div>
        </div>
      </div>
    </div>
  </div>
  <div class="container">

    <!-- What people say -->
    <div class="testimonials">
      <h3>Thoughts of the Contributors about this page!</span> </h3>
      <div id="carouseltestimonials" class="carousel slide w-100" data-bs-ride="carousel">
        <div class="carousel-inner">
          <div class="carousel-item active">
            <div class="testimonial">
              <div class="photo">
                <img src="" alt="">
              </div>
```

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```
<div class="testimonial-text">
   <div class="quote-test"><img src="img/icon/quaote.png" alt=""></div>
   <p></p>
   <p class="name">- Kushum Patel</p>
</div>
     </div>
</div>
<div class="carousel-item">
   <div class="testimonial">
     <div class="photo">
        <img src="" alt="">
     </div>
     <div class="testimonial-text">
        <div class="quote-test"><img src="img/icon/quaote.png" alt=""></div>
        <p></p>
        <p class="name">- Dibyanshu Jaiswal</p>
     </div>
   </div>
</div>
<div class="carousel-item">
   <div class="testimonial">
     <div class="photo">
        <img src="" alt="">
     </div>
     <div class="testimonial-text">
        <div class="quote-test"><img src="img/icon/quaote.png" alt=""></div>
        <p></p>
        <p class="name">- Aabid Ansari</p>
     </div>
   </div>
</div>
<div class="carousel-item">
   <div class="testimonial">
     <div class="photo">
        <img src="" alt="">
     </div>
     <div class="testimonial-text">
        <div class="quote-test"><img src="img/icon/quaote.png" alt=""></div>
        <p></p>
        <p class="name">- Mohan Sharma</p>
     </div>
   </div>
</div>
```

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```html
        <div class="controllers">
          <button type="button" data-bs-target="#carouseltestimonials" data-bs-slide="prev">
            <img class="black" src="img/icon/arrow-left-icon-black.svg" alt="">
            <img class="yellow" src="img/icon/arrow-left-icon.svg" alt="">
            <span class="visually-hidden">Previous</span>
          </button>
          <button type="button" data-bs-target="#carouseltestimonials" data-bs-slide="next">
            <img class="black" src="img/icon/arrow-right-icon-black.svg" alt="">
            <img class="yellow" src="img/icon/arrow-right-icon.svg" alt="">
            <span class="visually-hidden">Next</span>
          </button>
        </div>
      </div>
    </div>
  </div>

  </div>
@endsection
```

5.5: <u>CONTROLLERS</u>

5.5.1: ADMINLOGIN:-

```php
<?php

namespace App\Http\Controllers;
use App\admin;
use Illuminate\Support\Facades\Hash;
use Illuminate\Support\Facades\Auth;
use Illuminate\Http\Request;

class adminLoginController extends Controller
{
  public function adminLogin() {
    return view('backend.login');
  }

  public function submit(Request $request) {
    // dd($request->all());
```

```php
request()->validate([
  'email' => 'required|email',
  'password' => 'required',
]);

if (!$request->get('email') || !$request->get('password')) {
  return redirect()->back();
}

try {
  $admin = admin::where('email', $request->email)->first();
  // dd($admin);
  if ($admin) {

    if(Hash::check($request->password, $admin->password)) {
      // dd('true');
      // Auth::login($admin);
    Auth::guard('admin')->login($admin);
      return redirect()->route('admin.dashboard');
    }

    return redirect()->back();
    // Auth::check() ? Auth::user() : '';

  } else {
    // dd('false');
    return redirect()->back();
  }

} catch (\Throwable $th) {
  dd($th);
}

}

public function adminLogout()
{
  if (Auth::check()) {
    // Auth::logout();
    Auth::guard('admin')->logout();
    return redirect()->back();
  }
  return redirect()->route('admin.login');
```

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```
  }
}
```

5.5.2: POCOCONTROLLER:-

```php
<?php
namespace App\Http\Controllers;

use Illuminate\Foundation\Auth\User;
use Illuminate\Http\Request;

class pocoController extends Controller
{
  public function adminDashboard() {
     return view('backend.adminDash');
  }

public function changeProfile() {
  return view('frontend.layouts.profile');
}

public function upload(Request $request)
{
  $validator = [
    'name' => ['required', 'string', 'max:255'],
    'address' => ['required', 'string', 'max:255'],
    'contact' => ['required', 'string', 'max:15'],
    'email' => ['required', 'string', 'email', 'max:255', 'unique:users'],
    $this->validate($request, ['file' => 'image|mimes:jpeg,png,jpg,gif,svg|max:2048',]),
  ];

  if($request->hasFile('image')){
    $filename = $request->image->getClientOriginalName();
    $request->image->storeAs('images', $filename,'public');

  Auth()->user()->update([
      'name'=>$request->get('name'),
      'address'=>$request->get('address'),
      'contact'=>$request->get('contact'),
```

```php
            'email'=>$request->get('email'),
            'image'=> $filename,
        ]);
    }

    return redirect('/')->withErrors($validator)->withInput();
    }
}
```

5.5.3:SENDMAIL_CONTROLLER:-

```php
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use Illuminate\Support\Facades\Auth;
use Illuminate\Support\Facades\Mail;
class SendMailController extends Controller
{
    public function sendMail(Request $request) {

        $to_name = [$request-> get('name')];
        $to_email = [$request-> get('email')];

$data = array('name'=>'Mohan(Pollution Control System)', 'body' => 'He is ययय!');

Mail::send('newsletter', $data, function($message) use ($to_name, $to_email) {
$message->to($to_email, $to_name)

->subject('Laravel Test Mail');

$message->from('ms0063443@gmail.com','Pollution Control System');
});

return redirect('/');
    }
}
```

5.5.4: SITESETTING_CONTROLLER:-

```php
<?php

namespace App\Http\Controllers;
```

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```
use App\site_setting;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\DB;

class SiteSettingController extends Controller
{
   public function site_settings() {
      $settings = site_setting::find(1);
      return view('SiteSettings.site_setting', compact('settings'));
   }

   public function settings_update(Request $request) {

      $validated = $request->validate([
        $this->validate($request, ['file' => 'logo|mimes:jpeg,png,jpg,gif,svg|max:2048',]),
        'site_name' => ['required', 'string', 'max:255'],
        'whatsapp' => ['required', 'string', 'max:255'],
        'facebook' => ['required', 'string', 'max:255'],
        'instagram' => ['required', 'string', 'max:255'],
        'twitter' => ['required', 'string', 'max:255'],
        'tiktok' => ['required', 'string', 'max:255'],
        'messenger' => ['required', 'string', 'max:255'],
        'youtube' => ['required', 'string', 'max:255'],
        'copyright' => ['required', 'string', 'max:255'],
      ]);


      $logo_url = '';

      if($request->hasFile('logo')) {
         $file = $request->file('logo');
         $new_name = str_random(5).time().$file->getClientOriginalName();
         $path =public_path('/logo');
         $file->move($path, $new_name);
         $logo_url = asset('logo/'.$new_name);
      }

      // dd($logo_url);

      $data = [
         'logo' => $logo_url,
         'site_name' => $request-> get('site_name'),
```

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```php
        'whatsapp' => $request-> get('whatsapp'),
        'instagram' => $request-> get('instagram'),
        'facebook' => $request-> get('facebook'),
        'twitter' => $request-> get('twitter'),
        'tiktok' => $request-> get('tiktok'),
        'messenger' => $request-> get('messenger'),
        'youtube' => $request-> get('youtube'),
        'copyright' => $request-> get('copyright'),
    ];

    DB::table('site_settings')->truncate();
    site_setting::insert($data);
    // dd('Done!');
    return redirect()->back();
  }
}
```

5.5.5USERPOSTING_CONTROLLER

```php
<?php
namespace App\Http\Controllers;

use App\UserPosting;
use Illuminate\Support\Facades\Auth;
use Illuminate\Http\Request;

class UserPostingController extends Controller
{
  public function userPostingShow() {
    $posts = UserPosting::all();
    return view('UserPosting.UserPostingIndex', compact('posts'));
  }

  public function create() {
    return view('UserPosting.create_post');
  }

  public function submit(Request $request) {

    $image_url = '';
```

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```php
    if($request->hasFile('image')) {
      $file = $request->file('image');
      $new_name = str_random(5).time().$file->getClientOriginalName();
      $path =public_path('/uploads');
      $file->move($path, $new_name);
      $image_url = asset('uploads/'.$new_name);
    }

    $data = [
      'name' => $request->get('name'),
      'location' => $request->get('location'),
      'mobile_no' => $request->get('mobile_no'),
      'user' => $request->get('user'),
      'description' => $request->get('description'),
      'status' => $request->get('status'),
      // 'user_id' => Auth::check() ? Auth::user()->id : '',
      'approved_declined' => $request->get('approved_declined'),
      'image' => $image_url ?? '',
    ];

    UserPosting::insert($data);
    return redirect()->back();
  }

  // public function edit($id) {

  //    $post = UserPosting::where('id', $id)->first();
  //       if($post){
  //          return view('',compact('post'));
  //       }
  // }

  // public function update(Request $request, $id) {

  //    $image_url = '';

  //    if($request->hasFile('cover')) {
  //        $file = $request->file('cover');
  //        $new_name = str_random(5).time().$file->getClientOriginalName();
  //        $path =public_path('/uploads');
  //        $file->move($path, $new_name);
  //        $image_url = asset('uploads/'.$new_name);
```

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```
//     }

//     $data = [
//         '' => $request->get(''),
//         '' => $request->get(''),
//         '' => $request->get(''),
//         '' => $request->get(''),
//         '' => $image_url ?? '',
//     ];

//     UserPosting::where('id',$id)->update($data);
//     return redirect()->route('');

// }

public function delete($id) {
    $post = UserPosting::find($id);
    if($post) {
        UserPosting::destroy($id);
    }
    return redirect()->back();
}
}
```

5.6: FACTORY:-

5.6.1: POSTING_FACTORY:

```php
<?php

/** @var \Illuminate\Database\Eloquent\Factory $factory */

use App\Model;
use Faker\Generator as Faker;


$factory->define(\App\UserPosting::class, function (Faker $faker) {
    return [
        'name' => $faker->name,
        'location' => $faker->sentence(),
        'mobile_no' => $faker->sentence(),
        'user' => $faker->name,
        'description' => $faker->sentence(),
        'status' => $faker->name,
```

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```php
        'approved_declined' => $faker->sentence(),
        'image' => $faker->sentence(),
        // 'created_at' => \Carbon\Carbon::now(),
        // 'Updated_at' => \Carbon\Carbon::now(),
    ];
});
```

5.7: MAIL:-

5.7.1: SENDMAIL:

```php
<?php

namespace App\Mail;

use Illuminate\Bus\Queueable;
use Illuminate\Mail\Mailable;
use Illuminate\Queue\SerializesModels;
use Illuminate\Contracts\Queue\ShouldQueue;

class sendMail extends Mailable
{
    use Queueable, SerializesModels;

    /**
     * Create a new message instance.
     *
     * @return void
     */
    public function __construct()
    {
        //
    }

    /**
     * Build the message.
     *
     * @return $this
     */
    public function build()
    {
```

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```
    return $this->view('view.name');
  }
}
```

5.8: <u>MODELS</u>:-

5.8.1: PCS:-

```php
<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class pcs extends Model
{
   protected $table = 'pcs';
   protected $guarded = ['id'];
}
```

5.8.2:SITE-SETTING:-

```php
<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class site_setting extends Model
{
   protected $table = 'site_settings';
   protected $guarded = ['id'];
}
```

5.8.2: USER:-

```php
<?php

namespace App;

use Illuminate\Notifications\Notifiable;
```

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```php
use Illuminate\Contracts\Auth\MustVerifyEmail;
use Illuminate\Foundation\Auth\User as Authenticatable;

class User extends Authenticatable
{
    use Notifiable;

    /**
     * The attributes that are mass assignable.
     *
     * @var array
     */
    protected $fillable = [
        'name', 'email', 'password', 'address', 'contact', 'image',
    ];

    protected $table = 'users';
    protected $guarded = ['id'];

    /**
     * The attributes that should be hidden for arrays.
     *
     * @var array
     */
    protected $hidden = [
        'password', 'remember_token',
    ];

    /**
     * The attributes that should be cast to native types.
     *
     * @var array
     */
    protected $casts = [
        'email_verified_at' => 'datetime',
    ];
}
```

5.8.3: USERPOSTING:-

```php
<?php

namespace App;
```

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```php
use Illuminate\Database\Eloquent\Model;

class UserPosting extends Model
{
    protected $table = 'userposts';
    protected $guarded = ['id'];
}
```

5.9: ROUTE-WEB:-

```php
<?php

use App\site_setting;
use Illuminate\Support\Facades\Route;
use Illuminate\Support\Facades\Session;


/*
|--------------------------------------------------------------------------
| Web Routes
|--------------------------------------------------------------------------
|
| Here is where you can register web routes for your application. These
| routes are loaded by the RouteServiceProvider within a group which
| contains the "web" middleware group. Now create something great!
|
*/


// For user
Route::get('/', function () {
    // $is_fetched = false;
    // if ($is_fetched) {
        $settings = site_setting::find(1);
        Session::put('site_setting', $settings);
        // dd(Session::get('site_setting'));
    //     $is_fetched = true;
    // }
    return view('welcome');
});

Route::post('/update/profile', 'pocoController@upload')->name('update.profile');
Route::get('/change/profile', 'pocoController@changeProfile')->name('change.profile');


// Admin Login routes
```

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```
Route::get('/admin/login','adminLoginController@adminLogin')->name('admin.login');
Route::post('/admin/login/submit','adminLoginController@submit')-
>name('admin.login.submit');

Route::post('/admin/logout','adminLoginController@adminLogout')->name('admin.logout');
Route::get('/admin', 'pocoController@adminDashboard')->name('admin.dashboard');



\Illuminate\Support\Facades\Auth::routes();

Route::get('/home', 'HomeController@index')->name('home');

// For Newsletter
Route::post('/sendmail', 'mailController@sendmail');

// SMTP Gmail Message delivered done!
Route::post('/mail', 'SendMailController@sendMail')->name('send.mail');

// User Posting Routes

Route::get('/userposting', 'UserPostingController@userPostingShow')->name('userpost.show');
Route::get('/post', 'UserPostingController@create');
Route::post('/post/submit', 'UserPostingController@submit')->name('post.submit');
Route::get('/delete/{id}', 'UserPostingController@delete')->name('post.delete');

// Frontend Pages
Route::view('/about', 'frontend.layouts.OtherPages.about');
Route::view('/contact', 'frontend.layouts.OtherPages.contact');
Route::view('/blog', 'frontend.layouts.OtherPages.blog');

// Site Settings

Route::get('/sitesettings', 'SiteSettingController@site_settings')->name('site.settings');
Route::post('/settings/update', 'SiteSettingController@settings_update')-
>name('settings.update');
```

5.10: SEEDS:-

5.10.1: ADMINSEED:-
```php
<?php

use Illuminate\Database\Seeder;
```

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```php
use Illuminate\Support\Facades\DB;

class adminSeed extends Seeder
{
  /**
   * Run the database seeds.
   *
   * @return void
   */
  public function run()
  {
    DB::table('admins')->truncate();
    $data= [
      'name' => 'admin',
      // 'username' => 'admin',
      'email' => 'mohan@gmail.com',
      'password' => bcrypt('mohan'),
    ];

    DB::table('admins')->insert($data);
  }
}
```

5.10.2: DATABASESEEDER:-

```php
<?php

use Illuminate\Database\Seeder;

class DatabaseSeeder extends Seeder
{
  /**
   * Seed the application's database.
   *
   * @return void
   */
  public function run()
  {
    // $this->call(UsersTableSeeder::class);
    $this->call(adminSeed::class);
    $this->call(PostingSeeder::class);
  }
}
```

5.10.3: POSTINGSEEDER:-

```php
<?php

use Illuminate\Database\Seeder;

class PostingSeeder extends Seeder
{
    /**
     * Run the database seeds.
     *
     * @return void
     */
    public function run()
    {
        factory(\App\UserPosting::class, 500)->create();
    }
}
```

5.11: TABLES:-
5.11.1: USERS_TABLE:-

```php
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateUsersTable extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('users', function (Blueprint $table) {
            $table->bigIncrements('id');
            $table->string('name')->nullable();
            $table->string('email')->unique();
            $table->timestamp('email_verified_at')->nullable();
```

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```php
            $table->string('password')->default();
            $table->string('address')->nullable();
            $table->string('contact')->nullable();
            $table->string('image')->default('user.png');
            $table->rememberToken();
            $table->timestamps();
        });
    }


    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
        Schema::dropIfExists('users');
    }
}
```

5.11.2:ADMIN_TABLE:-

```php
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateAdminsTable extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('admins', function (Blueprint $table) {
            $table->bigIncrements('id');
            $table->string('name');
            $table->string('email')->unique();
            $table->timestamp('email_verified_at')->nullable();
            $table->string('password');
```

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```php
      $table->rememberToken();
      $table->timestamps();
    });
  }

  /**
   * Reverse the migrations.
   *
   * @return void
   */
  public function down()
  {
    Schema::dropIfExists('admins');
  }
}
```

5.11.3: PCS_TABLE:-

```php
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreatePcsTable extends Migration
{
  /**
   * Run the migrations.
   *
   * @return void
   */
  public function up()
  {
    Schema::create('pcs', function (Blueprint $table) {
      $table->bigIncrements('id');
      $table->string('email')->unique()->nullable();
      $table->string('name')->nullable();
      $table->timestamps();
    });
```

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```
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
       Schema::dropIfExists('pcs');
    }
}
```

5.11.4:USERSPOST_TABLE:-

```php
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateUserpostsTable extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
       Schema::create('userposts', function (Blueprint $table) {
          $table->bigIncrements('id');
          $table->string('user_id')->nullable();
          $table->string('name')->nullable();
          $table->string('location')->nullable();
          $table->string('mobile_no')->nullable();
```

```php
        $table->string('user')->nullable();
        $table->string('description')->nullable();
        $table->text('image')->nullable();
        $table->string('status')->nullable();
        $table->string('approved_declined')->nullable();
        $table->timestamps();
    });
  }


  /**
   * Reverse the migrations.
   *
   * @return void
   */
  public function down()
  {
     Schema::dropIfExists('userposts');
  }
}
```

5.11.4: SITE-SETTING_TABLE:-

```php
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateSiteSettingsTable extends Migration
{
  /**
   * Run the migrations.
   *
   * @return void
   */
  public function up()
  {
     Schema::create('site_settings', function (Blueprint $table) {
        $table->bigIncrements('id');
        $table->text('logo')->nullable();
        $table->string('site_name')->nullable();
        $table->string('whatsapp')->nullable();
        $table->string('facebook')->nullable();
```

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```php
        $table->string('instagram')->nullable();
        $table->string('twitter')->nullable();
        $table->string('tiktok')->nullable();
        $table->string('messenger')->nullable();
        $table->string('youtube')->nullable();
        $table->string('copyright')->nullable();
        $table->timestamps();
    });
}

/**
 * Reverse the migrations.
 *
 * @return void
 */
public function down()
{
    Schema::dropIfExists('site_settings');
}
}
```

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