**Source Code**

# HTML

about.html

{% extends 'basic.html' %}

{% block title %}

About Us

{% endblock title %}

{% block about %}

menu-active

{% endblock about %}

{% block body %}

<h2 class="text-center text-danger">About Us</h2>

{% endblock body %}

# addagroproducts.html

{% extends 'base.html' %}

{% block title %}

Add AgroProducts

{% endblock title %}

{% block body %}

<h3 class="text-center"><span>Add Agro Products</span> </h3>

{% with messages=get\_flashed\_messages(with\_categories=true) %}

{% if messages %}

{% for category, message in messages %}

<div class="alert alert-{{category}} alert-dismissible fade show" role="alert">

{{message}}

</div>

{% endfor %}

{% endif %}

{% endwith %}

<br>

<div class="container">

<div class="row">

<div class="col-md-4"></div>

<div class="col-md-4">

<form action="/addagroproduct" method="post">

<div class="form-group">

<label for="username">Farmer Name</label>

<input type="text" class="form-control" name="username" value="{{current\_user.username}}" id="{{current\_user.username}}" required>

</div>

<br>

<div class="form-group">

<label for="username">Farmer Email</label>

<input type="email" class="form-control" name="email" value="{{current\_user.email}}" id="{{current\_user.email}}" required>

</div>

<br>

<div class="form-group">

<label for="rollno">Product Name</label>

<input type="text" class="form-control" name="productname" id="productname" required>

</div>

<br>

<div class="form-group">

<label for="productdesc">Product Description</label>

<textarea class="form-control" name="productdesc" id="productdesc" required></textarea>

</div>

<br>

<div class="form-group">

<label for="price">Price</label>

<input type="text" class="form-control" name="price" id="price" required>

</div>

<br>

<button type="submit" class="btn btn-success btn-block">Add Product</button>

</form>

<br>

<br>

</div>

<div class="col-md-4"></div>

</div></div>

{% endblock body %}

agroproducts.html

{% extends 'base.html' %}

{% block title %}

Available Products

{% endblock title %}

{% block body %}

<h3 class="text-center"><span>Offering You Farm - Fresh Agrarian Products</span> </h3>

{% with messages=get\_flashed\_messages(with\_categories=true) %}

{% if messages %}

{% for category, message in messages %}

<div class="alert alert-{{category}} alert-dismissible fade show" role="alert">

{{message}}

</div>

{% endfor %}

{% endif %}

{% endwith %}

<br>

<div class="container mt-3">

<div class="row">

{% for p in query %}

<div class="col-sm-4">

<div class="card">

<div class="card-body">

<b><h5 class="card-title">{{p.productname}}</h5></b>

<b>Price: {{p.price}}</b>

<hr>

<p class="card-text">{{p.productdesc}}</p>

<p>Owner: {{p.username}}</p>

<p>Email: {{p.email}}</p>

{% if session.get('logged\_in') %}

<a href="https://mail.google.com/mail/?view=cm&fs=1&tf=1&to={{p.email}}" target="\_blank" class="btn btn-success">Purchase</a>

{% else %}

<a href="{{ url\_for('login') }}" class="btn btn-primary">Log In to Purchase</a>

{% endif %}

</div>

</div>

</div>

{% endfor %}

</div>

</div>

{% endblock body %}

auth.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

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

<title>{% block title %}

{% endblock title %}</title>

<meta content="" name="description">

<meta content="" name="keywords">

<!-- Favicon -->

<link rel="icon" type="image/png" href="/static/images/farmer.png">

{% block style %}

{% endblock style %}

<link href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,700,700i|Raleway:300,400,500,700,800" rel="stylesheet">

<!-- Vendor CSS Files -->

<link href="static/assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">

<link href="static/assets/vendor/venobox/venobox.css" rel="stylesheet">

<link href="static/assets/vendor/font-awesome/css/font-awesome.min.css" rel="stylesheet">

<link href="static/assets/vendor/owl.carousel/assets/owl.carousel.min.css" rel="stylesheet">

<link href="static/assets/vendor/aos/aos.css" rel="stylesheet">

<!-- Template Main CSS File -->

<link href="static/assets/css/style.css" rel="stylesheet">

</head>

<body style="margin: 0; padding: 0;"> <!-- Reset margin and padding to remove white space -->

<!-- ======= Header ======= -->

<header id="header">

<div class="container">

<div id="logo" class="pull-left">

<a href="/" class="scrollto">AgroNexumLive</a>

</div>

</div>

</header><!-- End Header -->

<section id="intro" style="position: relative;">

<video autoplay muted loop id="video-background" width="100%" height="auto" style="position: absolute; top: 0; left: 0;">

<source src="/static/images/output.mp4" type="video/mp4">

Your browser does not support the video tag.

</video>

<div class="intro-container" data-aos="zoom-in" data-aos-delay="100">

{% block content %}

{% endblock content %}

</div>

</section>

<div class="main">

<!-- ======= Footer ======= -->

<footer id="footer">

<div class="footer-top">

<div class="container">

</div>

<div class="container">

<div class="credits">

<br>

Powered by <a href="/">Mirsha, Rameez and Nevin</a>

</div>

</div>

</footer><!-- End Footer -->

<a href="#" class="back-to-top"><i class="fa fa-angle-up"></i></a>

<!-- Vendor JS Files -->

<script src="static/assets/vendor/jquery/jquery.min.js"></script>

<script src="static/assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>

<script src="static/assets/vendor/jquery.easing/jquery.easing.min.js"></script>

<script src="static/assets/vendor/php-email-form/validate.js"></script>

<script src="static/assets/vendor/venobox/venobox.min.js"></script>

<script src="static/assets/vendor/owl.carousel/owl.carousel.min.js"></script>

<script src="static/assets/vendor/superfish/superfish.min.js"></script>

<script src="static/assets/vendor/hoverIntent/hoverIntent.js"></script>

<script src="static/assets/vendor/aos/aos.js"></script>

<!-- Template Main JS File -->

<script src="static/assets/js/main.js"></script>

<!--<script>

// To ensure the video background covers the entire section

const videoBackground = document.getElementById('video-background');

const introSection = document.getElementById('intro');

videoBackground.style.width = introSection.offsetWidth + 'px';

videoBackground.style.height = introSection.offsetHeight + 'px';

</script>

-->

<script>

const video = document.getElementById('video-background');

// Check if there's a stored time for the video

if (sessionStorage.getItem('videoTime')) {

// Set the video time to the stored value

video.currentTime = parseFloat(sessionStorage.getItem('videoTime'))+7;

}

// Event listener to store the current time when the video is paused

video.addEventListener('pause', function() {

sessionStorage.setItem('videoTime', this.currentTime);

});

// Event listener to handle video end

video.addEventListener('ended', function() {

this.currentTime = 0;

sessionStorage.removeItem('videoTime');

});

</script>

</body>

</html>

base.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

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

<title>{% block title %}

{% endblock title %}</title>

<meta content="" name="description">

<meta content="" name="keywords">

<!-- Favicon -->

<link rel="icon" type="image/png" href="/static/images/farmer.png">

{% block style %}

{% endblock style %}

<link href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,700,700i|Raleway:300,400,500,700,800" rel="stylesheet">

<!-- Vendor CSS Files -->

<link href="static/assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">

<link href="static/assets/vendor/venobox/venobox.css" rel="stylesheet">

<link href="static/assets/vendor/font-awesome/css/font-awesome.min.css" rel="stylesheet">

<link href="static/assets/vendor/owl.carousel/assets/owl.carousel.min.css" rel="stylesheet">

<link href="static/assets/vendor/aos/aos.css" rel="stylesheet">

<!-- Template Main CSS File -->

<link href="static/assets/css/style.css" rel="stylesheet">

</head>

<body style="margin: 0; padding: 0;"> <!-- Reset margin and padding to remove extra space -->

<!-- ======= Header ======= -->

<header id="header">

<div class="container">

<div id="logo" class="pull-left">

<a href="/" class="scrollto">AgroNexumLive</a>

</div>

<nav id="nav-menu-container">

<ul class="nav-menu">

<li class="{% block home %}

{% endblock home %}"><a href="/">Home</a></li>

<li><a href="/register">Agrarian Register</a></li>

<li><a href="/addfarming">Add Produce Type</a></li>

<li><a href="/farmerdetails">Agrarian Details</a></li>

<li><a href="/agroproducts">Available Products</a></li>

<li><a href="/triggers">Records Created</a></li>

{% if current\_user.is\_authenticated %}

<li class="buy-tickets"><a href="">Welcome {{current\_user.username}}</a></li>

<li class="buy-tickets"><a href="/logout">Logout</a></li>

{% else %}

<li class="buy-tickets"><a href="/signup">Signin</a></li>

{% endif %}

</ul>

</nav><!-- #nav-menu-container -->

</div>

</header><!-- End Header -->

<!-- ======= Intro Section ======= -->

<section id="intro">

<video autoplay muted loop id="video-background" width="100%" height="auto" style="position: absolute; top: 0; left: 0;">

<source src="/static/images/output.mp4" type="video/mp4">

Your browser does not support the video tag.

</video>

<div class="intro-container" data-aos="zoom-in" data-aos-delay="100">

<h1 class="mb-4 pb-0">Agrarian Arcadia - Fields, Flocks, and Finds</h1>

<p class="mb-4 pb-0">Cultivating Connections Between Growers, Livestock Luminaries and You...</p>

<a href="/agroproducts" class="about-btn scrollto">AGRARIAN PRODUCTS</a>

</div>

</section><!-- End Intro Section -->

<main id="main">

{% block body %}

{% with messages=get\_flashed\_messages(with\_categories=true) %}

{% if messages %}

{% for category, message in messages %}

<div class="alert alert-{{category}} alert-dismissible fade show" role="alert">

{{message}}

</div>

{% endfor %}

{% endif %}

{% endwith %}

{% endblock body %}

<a href="#" class="back-to-top"><i class="fa fa-angle-up"></i></a>

<!-- Vendor JS Files -->

<script src="static/assets/vendor/jquery/jquery.min.js"></script>

<script src="static/assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>

<script src="static/assets/vendor/jquery.easing/jquery.easing.min.js"></script>

<script src="static/assets/vendor/php-email-form/validate.js"></script>

<script src="static/assets/vendor/venobox/venobox.min.js"></script>

<script src="static/assets/vendor/owl.carousel/owl.carousel.min.js"></script>

<script src="static/assets/vendor/superfish/superfish.min.js"></script>

<script src="static/assets/vendor/hoverIntent/hoverIntent.js"></script>

<script src="static/assets/vendor/aos/aos.js"></script>

<!-- Template Main JS File -->

<script src="static/assets/js/main.js"></script>

<script>

const video = document.getElementById('video-background');

// Check if there's a stored time for the video

if (sessionStorage.getItem('videoTime')) {

// Set the video time to the stored value

video.currentTime = parseFloat(sessionStorage.getItem('videoTime'));

}

// Event listener to store the current time when the video is paused

video.addEventListener('pause', function() {

sessionStorage.setItem('videoTime', this.currentTime);

});

// Event listener to handle video end

video.addEventListener('ended', function() {

this.currentTime = 0;

sessionStorage.removeItem('videoTime');

});

</script>

</body>

</html>

edit.html

<!doctype html>

<html lang="en">

<head>

<!-- Required meta tags -->

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<!-- Bootstrap CSS -->

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="anonymous">

<title>Edit Registered Agrarian Details</title>

</head>

<body class="bg-success">

<h3 class="text-center"><span>Edit Agrarian Details</span> </h3>

{% with messages=get\_flashed\_messages(with\_categories=true) %}

{% if messages %}

{% for category, message in messages %}

<div class="alert alert-{{category}} alert-dismissible fade show" role="alert">

{{message}}

</div>

{% endfor %}

{% endif %}

{% endwith %}

<br>

<div class="container">

<div class="row">

<div class="col-md-4"></div>

<div class="col-md-4">

<form action="/edit/{{posts.rid}}" method="post">

<div class="form-group">

<label for="rollno">Agrarian Name</label>

<input type="text" class="form-control" name="farmername" id="farmername" value={{posts.farmername}} required>

</div>

<br>

<div class="form-group">

<label for="adharnumber">Adhaar Number</label>

<input type="number" class="form-control" name="adharnumber" id="adharnumber" value={{posts.adharnumber}} required>

</div>

<br>

<div class="form-group">

<label for="age">Age</label>

<input type="number" class="form-control" name="age" id="age" value={{posts.age}} required>

</div>

<br>

<div class="form-group">

<select class="form-control" id="gender" name="gender" required>

<option selected>{{posts.gender}} </option>

<option value="Male">Male</option>

<option value="Female">Female</option>

<option value="Prefer Not to Say">Prefer Not to Say</option>

<option value="Non-Binary">Non-Binary</option>

<option value="Other">Other</option>

</select>

</div>

<br>

<div class="form-group">

<label for="num">Contact Number</label>

<input type="number" class="form-control" name="phonenumber" id="phonenumber" value={{posts.phonenumber}} required>

</div>

<br>

<div class="form-group">

<label for="address">Agrarian's Address</label>

<input class="form-control" name="address" id="address" value={{posts.address}} required/>

</div>

<br>

<div class="form-group">

<select class="form-control" id="farmingtype" name="farmingtype" required>

<option selected>{{posts.farming}}</option>

{% for d in farming %}

<option value="{{d.farmingtype}}">{{d.farmingtype}}</option>

{% endfor %}

</select>

</div>

<br>

<button type="submit" class="btn btn-light btn-sm btn-block">Submit Record</button>

</form>

<br>

<br>

</div>

<div class="col-md-4"></div>

</div>

</div>

</div>

<!-- Optional JavaScript; choose one of the two! -->

<!-- Option 1: jQuery and Bootstrap Bundle (includes Popper) -->

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/tE3MoK7ZeZDyx" crossorigin="anonymous"></script>

<!-- Option 2: jQuery, Popper.js, and Bootstrap JS

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" integrity="sha384-9/reFTGAW83EW2RDu2S0VKaIzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.min.js" integrity="sha384-w1Q4orYjBQndcko6MimVbzY0tgp4pWB4lZ7lr30WKz0vr/aWKhXdBNmNb5D92v7s" crossorigin="anonymous"></script>

-->

</body>

</html>

email\_template.html

<!DOCTYPE html>

<html>

<head>

<title>Welcome Back, Agrarian!</title>

<style>

body {

font-family: Arial, sans-serif;

background-color: #f4f4f4;

padding: 20px;

}

.email-container {

background-color: #ffffff;

padding: 20px;

border-radius: 10px;

box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

}

h1 {

color: #333;

text-align: center;

}

p {

font-size: 16px;

line-height: 1.6;

}

img {

max-width: 100%;

height: auto;

margin-bottom: 20px;

}

iframe {

width: 100%;

height: 315px;

margin-bottom: 20px;

}

</style>

</head>

<body>

<div class="email-container">

<header>

<h1>Glad to See You Once Again!</h1>

</header>

<main>

<p>Dear {{ username }},</p>

<p>Your unwavering commitment to the advancement of agriculture and farming is truly remarkable. Your tireless dedication continues to yield substantial and invaluable contributions, shaping a profound impact on our world. Thank you for your relentless efforts and invaluable contributions.</p>

<p>Enclosed below is a dynamic array of agricultural insights, carefully curated to illuminate the intricate tapestry of farming. Dive into this mosaic of knowledge, where the cultivation of crops and the artistry of sustainable practices converge to nurture our planet and feed the world.</p>

<a href="{{ image\_url }}" target="\_blank"><img src="{{ image\_url }}" alt="Partake in Agricultural Visuals"></a>

<br>

<a href="{{ video\_url }}" target="\_blank">Explore Live Agricultural News</a>

<p>Kindest Regards With Warmth,<br>Team AgroNexumLive</p>

</main>

</div>

</body>

</html>

email\_template2.html

<!DOCTYPE html>

<html>

<head>

<title>Welcome to the Agrarian Community!</title>

<style>

body {

font-family: Arial, sans-serif;

background-color: #f4f4f4;

padding: 20px;

}

.email-container {

background-color: #ffffff;

padding: 20px;

border-radius: 10px;

box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

}

h1 {

color: #333;

text-align: center;

}

p {

font-size: 16px;

line-height: 1.6;

}

img {

max-width: 100%;

height: auto;

margin-bottom: 20px;

}

iframe {

width: 100%;

height: 315px;

margin-bottom: 20px;

}

</style>

</head>

<body>

<div class="email-container">

<header>

<h1>Welcome to Our Vibrant Community of Agrarians!</h1>

</header>

<main>

<p>Dear {{ username }},</p>

<p>Congratulations and a warm welcome to our community of passionate agrarians! Your decision to join us marks the beginning of an enriching journey towards sustainable farming and agricultural excellence.</p>

<p>As a valued member of our community, you unlock access to an array of resources and knowledge that will elevate your farming pursuits:</p>

<ul>

<li>Immersive guides and expert insights on contemporary farming methodologies</li>

<li>Exclusive sessions - webinars, workshops, and discussions led by industry pioneers</li>

<li>A bustling platform for networking and knowledge exchange among fellow agrarians</li>

<li>Timely updates on cutting-edge agricultural technologies and sustainable practices</li>

</ul>

<p>To get started, begin exploring our Exclusive Community of AgroNexumLive Agrarian's Portal where you can interact with fellow Agrarians.</p>

<a href="https://chat.whatsapp.com/HLwSnmHaQWk6MjMmsdbUWj" target="\_blank"><img src="https://chat.whatsapp.com/HLwSnmHaQWk6MjMmsdbUWj" alt="AgroNexumLive Exclusive"></a>

<br>

<p>To further aid your learning experience, delve into our repository:</p>

<a href="{{ image\_url }}" target="\_blank"><img src="{{ image\_url }}" alt="Dive into Agricultural Schemes and facilities offered by Government of Tamilnadu "></a>

<br>

<a href="{{ video\_url }}" target="\_blank">Explore Live Agricultural News and Insights</a>

<p>We're thrilled to have you aboard! Your passion for agriculture resonates with our mission to shape a sustainable and prosperous future.</p>

<p>Warmest Regards,<br>Team AgroNexumLive</p>

</main>

</div>

</body>

</html>

email\_template3.html

<!DOCTYPE html>

<html>

<head>

<title>Welcome to AgroNexumLive</title>

<style>

body {

font-family: Arial, sans-serif;

background-color: #f4f4f4;

padding: 20px;

}

.email-container {

background-color: #ffffff;

padding: 20px;

border-radius: 10px;

box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

}

h1 {

color: #333;

text-align: center;

}

p {

font-size: 16px;

line-height: 1.6;

}

img {

max-width: 100%;

height: auto;

margin-bottom: 20px;

}

iframe {

width: 100%;

height: 315px;

margin-bottom: 20px;

}

</style>

</head>

<body>

<div class="email-container">

<header>

<h1>Welcome to the World's First Ever Revolutionary Digital Agrarian Marketplace!</h1>

</header>

<main>

<p>Dear {{ username }},</p>

<p>A heartfelt welcome to our thriving agrarian marketplace! Your entry into our platform marks the start of an exciting journey in exploring and supporting sustainable farming practices.</p>

<p>As a newly registered buyer, here's what you can expect:</p>

<ul>

<li>Access to a diverse selection of high-quality farm produce direct from agrarians</li>

<li>Exclusive deals and offers on fresh, locally sourced products</li>

<li>A seamless and secure platform for your agricultural procurement needs</li>

<li>Regular updates on seasonal produce and special offerings</li>

</ul>

<p>To get started, begin exploring our Exclusive Community of AgroNexumLive Prospects' Portal where you can interact with fellow consumers.</p>

<a href="https://chat.whatsapp.com/C73Qf3DwiIiKrA4WZE9z0s" target="\_blank"><img src="https://chat.whatsapp.com/C73Qf3DwiIiKrA4WZE9z0s" alt="AgroNexumLive Exclusive"></a>

<br>

<p>Now, Go through the current rates of some common products besides us:</p>

<a href="{{ image\_url }}" target="\_blank"><img src="{{ image\_url }}" alt="Dive into Agricultural Visuals"></a>

<br>

<a href="{{ video\_url }}" target="\_blank">Feel Free to compare with our MarketPlace...</a>

<p>We're thrilled to have you join us on this journey of promoting sustainable agriculture and supporting our agrarian community!</p>

<p>Warm Regards,<br>Team AgroNexumLive</p>

</main>

</div>

</body>

</html>

email\_template4.html

<!DOCTYPE html>

<html>

<head>

<title>Welcome Back to AgroNexumLive!</title>

<style>

body {

font-family: Arial, sans-serif;

background-color: #f4f4f4;

padding: 20px;

}

.email-container {

background-color: #ffffff;

padding: 20px;

border-radius: 10px;

box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

}

h1 {

color: #333;

text-align: center;

}

p {

font-size: 16px;

line-height: 1.6;

}

img {

max-width: 100%;

height: auto;

margin-bottom: 20px;

}

iframe {

width: 100%;

height: 315px;

margin-bottom: 20px;

}

</style>

</head>

<body>

<div class="email-container">

<header>

<h1>Glad to See You Once Again!</h1>

</header>

<main>

<p>Dear {{ username }},</p>

<p>Welcome back to our agrarian community! Your continued interest and commitment to the advancement of agriculture inspire us. We greatly appreciate your ongoing support and dedication to sustainable farming.</p>

<p>Enclosed below are the latest insights on agriculture:</p>

<a href="{{ image\_url }}" target="\_blank"><img src="{{ image\_url }}" alt="Agricultural Visuals"></a>

<br>

<a href="{{ video\_url }}" target="\_blank">Explore Live Agricultural Prices and Listings</a>

<p>We value your participation in our journey towards a more sustainable future. Thank you for being a part of our community!</p>

<p>Best Regards,<br>Team AgroNexumLive</p>

</main>

</div>

</body>

</html>

farmer.html

{% extends 'base.html' %}

{% block title %}

Register Agrarian Details

{% endblock title %}

{% block body %}

<h3 class="text-center"><span>Register Agrarian Details</span> </h3>

{% with messages=get\_flashed\_messages(with\_categories=true) %}

{% if messages %}

{% for category, message in messages %}

<div class="alert alert-{{category}} alert-dismissible fade show" role="alert">

{{message}}

</div>

{% endfor %}

{% endif %}

{% endwith %}

<br>

<div class="container">

<div class="row">

<div class="col-md-4"></div>

<div class="col-md-4">

<form action="/register" method="post">

<div class="form-group">

<label for="rollno">Agrarian Name</label>

<input type="text" class="form-control" name="farmername" id="farmername" required>

</div>

<br>

<div class="form-group">

<label for="adharnumber">Agrarian Adhaar Number</label>

<input type="number" class="form-control" name="adharnumber" id="adharnumber" required>

</div>

<br>

<div class="form-group">

<label for="age">Agrarian Age</label>

<input type="number" class="form-control" name="age" id="age" required>

</div>

<br>

<div class="form-group">

<select class="form-control" id="gender" name="gender" required>

<option selected>Gender Selection</option>

<option value="Male">Male</option>

<option value="Female">Female</option>

<option value="Prefer Not to Say">Prefer Not to Say</option>

<option value="Non-Binary">Non-Binary</option>

<option value="Other">Other</option>

</select>

</div>

<br>

<div class="form-group">

<label for="num">Contact Number</label>

<input type="number" class="form-control" name="phonenumber" id="phonenumber" required>

</div>

<br>

<div class="form-group">

<label for="address">Agrarian's Address</label>

<textarea class="form-control" name="address" id="address" required></textarea>

</div>

<br>

<div class="form-group">

<select class="form-control" id="farmingtype" name="farmingtype" required>

<option selected>Specify Agricultural Focus</option>

{% for d in farming %}

<option value="{{d.farmingtype}}">{{d.farmingtype}}</option>

{% endfor %}

</select>

</div>

<br>

<button type="submit" class="btn btn-success btn-block">Save Records</button>

</form>

<br>

<br>

</div>

<div class="col-md-4"></div>

</div></div>

{% endblock body %}

farmerdetails.html

{% extends 'base.html' %}

{% block title %}

Agrarian Details

{% endblock title %}

{% block body %}

<h3 class="text-center"><span>Agrarian Details</span> </h3>

{% with messages=get\_flashed\_messages(with\_categories=true) %}

{% if messages %}

{% for category, message in messages %}

<div class="alert alert-{{category}} alert-dismissible fade show" role="alert">

{{message}}

</div>

{% endfor %}

{% endif %}

{% endwith %}

<br>

<div class="container mt-3">

<table class="table">

<thead class="thead-light">

<tr>

<th scope="col">REGISTERED NUMBER</th>

<th scope="col">AGRARIAN NAME</th>

<th scope="col">ADHAAR</th>

<th scope="col">AGE</th>

<th scope="col">GENDER</th>

<th scope="col">CONTACT</th>

<th scope="col">ADDRESS</th>

<th scope="col">AGRICULTURAL FOCUS</th>

<th scope="col">EDIT</th>

<th scope="col">DELETE</th>

<th scope="col">ADD AGRO PRODUCT</th>

</tr>

</thead>

<tbody>

{% for post in query %}

<tr>

<th scope="row">{{post.rid}}</th>

<td>{{post.farmername}}</td>

<td>{{post.adharnumber}}</td>

<td>{{post.age}}</td>

<td>{{post.gender}}</td>

<td>{{post.phonenumber}}</td>

<td>{{post.address}}</td>

<td>{{post.farming}}</td>

<td><a href="/edit/{{post.rid}}"><button class="btn btn-success">Edit </button> </a> </td>

<td><a href="/delete/{{post.rid}}"><button onclick="return confirm('Are you sure to Delete data');" class="btn btn-success">Delete </button> </a> </td>

<td><a href="/addagroproduct"><button class="btn btn-success">ADD </button> </a> </td>

</tr>

{% endfor %}

</tbody>

</table>

</div>

{% endblock body %}

farming.html

{% extends 'base.html' %}

{% block title %}

Add Agricultural Focus

{% endblock title %}

{% block body %}

<h3 class="text-center bg-success text-white"><span>Add Agricultural Focus</span> </h3>

{% with messages=get\_flashed\_messages(with\_categories=true) %}

{% if messages %}

{% for category, message in messages %}

<div class="alert alert-{{category}} alert-dismissible fade show" role="alert">

{{message}}

</div>

{% endfor %}

{% endif %}

{% endwith %}

<br>

<div class="container">

<div class="row">

<div class="col-md-4"></div>

<div class="col-md-4">

<form action="/addfarming" method="post">

<div class="form-group">

<label for="dept">Enter Agriculture Focus</label>

<input type="text" class="form-control" name="farming" id="farming">

</div>

<br>

<button type="submit" class="btn btn-success btn-sm btn-block">Add Agriculture Category</button>

</form>

<br>

<br>

</div>

<div class="col-md-4"></div>

</div></div>

{% endblock body %}

forgot\_password.html

{% extends 'auth.html' %}

{% block title %}

AgroNexumLive OTP

{% endblock title %}

{% block content %}

<h1 class="mb-4 pb-0"><span>Login through OTP</span> </h1>

{% with messages=get\_flashed\_messages(with\_categories=true) %}

{% if messages %}

{% for category, message in messages %}

<div class="alert alert-{{category}} alert-dismissible fade show" role="alert">

{{message}}

</div>

{% endfor %}

{% endif %}

{% endwith %}

<form class="text-white py-3 px-3" action="/forgot\_password" method="post">

<div class="form-group">

<label for="exampleInputEmail1">Email address</label>

<input type="email" class="form-control mb-3" id="exampleInputEmail1" name="email" aria-describedby="emailHelp" required>

<button type="submit" class="form-control bg-success text-white">Login Through OTP</button>

</form>

{% endblock content %}

index.html

{% extends 'base.html' %}

{% block title %}

AgroNexumLive Homepage

{% endblock %}

{% block home %}

menu-active

{% endblock %}

{% block body %}

<!-- Add this section for the pop-up notification -->

{% if redirect\_message %}

<div class="flash-message">

<div class="alert alert-warning animated fadeInDown">

{{ redirect\_message }}

</div>

</div>

{% endif %}

<!-- End of pop-up notification -->

<!-- ======= Footer ======= -->

<footer id="footer">

<div class="footer-top">

<!-- ... (existing content) ... -->

</div>

<div class="container">

<div class="credits">

<br>

Powered by <a href="/">Mirsha, Rameez, and Nevin</a>

</div>

</div>

</footer><!-- End Footer -->

<!-- jQuery and script for hiding flash message -->

<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

<script>

$(document).ready(function() {

// Automatically hide flash message after 5 seconds

$('.flash-message').delay(3000).fadeOut('slow');

});

</script>

{% endblock %}

login.html

{% extends 'auth.html' %}

{% block title %}

AgroNexumLive login

{% endblock title %}

{% block content %}

<h1 class="mb-4 pb-0"><span>Login</span></h1>

{% with messages=get\_flashed\_messages(with\_categories=true) %}

{% if messages %}

{% for category, message in messages %}

<div class="alert alert-{{category}} alert-dismissible fade show" role="alert">

{{message}}

</div>

{% endfor %}

{% endif %}

{% endwith %}

<form class="text-white py-3 px-3" action="/login" method="post">

<div class="form-group">

<label for="exampleInputEmail1">Email address</label>

<br>

<input type="email" class="form-control mb-2" id="exampleInputEmail1" name="email" aria-describedby="emailHelp" required style="width: 300px;">

</div>

<div class="form-group">

<label for="exampleInputPassword1">Password</label>

<input type="password" class="form-control mb-2" id="exampleInputPassword1" name="password" required>

</div>

<br>

<button type="submit" class="form-control bg-success text-white">Login</button>

<br> <!-- Line break added -->

<p class="mb-2 pb-0" style="font-size: 18px;">New User?</p>

<a href="/signup" class="about-btn scrollto">Signup</a>

</form>

<!-- Reduced size for "Forgot Password?" button -->

<br>

<a href="/forgot\_password" class="about-btn scrollto" style="font-size: 75%;">Lgin Through OTP</a>

{% endblock content %}

signup.html

{% extends 'auth.html' %}

{% block title %}

AgroNexumLive Signup

{% endblock title %}

{% block content %}

<h1 class="mb-1"><span>Sign Up</span> </h1>

{% with messages=get\_flashed\_messages(with\_categories=true) %}

{% if messages %}

{% for category, message in messages %}

<div class="alert alert-{{category}} alert-dismissible fade show" role="alert">

{{message}}

</div>

{% endfor %}

{% endif %}

{% endwith %}

<form class="text-white py-3 px-3" action="/signup" method="post">

<div class="form-group">

<label for="exampleInputPassword1">UserName</label>

<input type="text" class="form-control mb-2" name="username" id="username" required>

</div>

<div class="form-group">

<label for="exampleInputEmail1">Email address</label>

<input type="email" class="form-control mb-2" id="exampleInputEmail1" name="email" aria-describedby="emailHelp" required>

<small id="emailHelp" class="form-text text-muted">We'll never share your email with anyone else.</small>

</div>

<br>

<div class="form-group">

<label for="exampleInputPassword1">Password</label>

<input type="password" class="form-control mb-2" name="password" id="exampleInputPassword1" required>

</div>

<div class="form-check mb-2">

<input type="checkbox" class="form-check-input" id="isAgrarian" name="is\_agrarian">

<label class="form-check-label" for="isAgrarian">Are you a farmer?</label>

</div>

<button type="submit" class="form-control bg-success text-white">Sign In</button>

<p class="mb-2 pb-0">Already User?</p>

<a href="/login" class="about-btn scrollto">Login</a>

</form>

{% endblock content %}

triggers.html

{% extends 'base.html' %}

{% block title %}

Agrarian Triggers Recorded

{% endblock title %}

{% block body %}

<h3 class="text-center"><span>Agrarian Triggers Recorded</span> </h3>

{% with messages=get\_flashed\_messages(with\_categories=true) %}

{% if messages %}

{% for category, message in messages %}

<div class="alert alert-{{category}} alert-dismissible fade show" role="alert">

{{message}}

</div>

{% endfor %}

{% endif %}

{% endwith %}

<br>

<div class="container mt-4">

<table class="table">

<thead class="thead-light">

<tr>

<th scope="col">AGRARIAN REF ID</th>

<th scope="col">ACTION TAKEN</th>

<th scope="col">OBSERVED TIMESTAMP</th>

</tr>

</thead>

<tbody>

{% for post in query %}

<tr>

<td>{{post.fid}}</td>

<td>{{post.action}}</td>

<td>{{post.timestamp}}</td>

</tr>

{% endfor %}

</tbody>

</table>

</div>

{% endblock body %}

verify\_otp.html

{% extends 'auth.html' %}

{% block title %}

AgroNexumLive OTP

{% endblock title %}

{% block content %}

<h1 class="mb-4 pb-0"><span>OTP AUTHENTICATION</span> </h1>

{% with messages=get\_flashed\_messages(with\_categories=true) %}

{% if messages %}

{% for category, message in messages %}

<div class="alert alert-{{category}} alert-dismissible fade show" role="alert">

{{message}}

</div>

{% endfor %}

{% endif %}

{% endwith %}

<form class="text-white py-3 px-3" action="/verify\_otp" method="post">

<div class="form-group">

<label for="exampleInputOTP">Enter the One - Time Password</label>

<input type="text" class="form-control mb-3" id="exampleInputOTP" name="otp" required>

</div>

<button type="submit" class="form-control bg-success text-white">Verify Your OTP</button>

</form>

{% endblock content %}

<!--

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Verify OTP</title>

</head>

<body>

<h1>Verify OTP</h1>

<form class="text-white py-3 px-3" action="/verify\_otp" method="post">

<div class="form-group">

<label for="exampleInputOTP">Enter OTP</label>

<input type="text" class="form-control mb-3" id="exampleInputOTP" name="otp" required>

</div>

<button type="submit" class="form-control bg-success text-white">Verify OTP</button>

</form>

</body>

</html>

-->

# CSS

style.css

body {

background: #fff;

color: #2f3138;

font-family: "Open Sans", sans-serif;

}

a {

color: #fff!important;

;

text-decoration: none;

transition: 0.5s;

}

a:hover,

a:active,

a:focus {

color: #fff!important;

outline: none;

text-decoration: none;

}

p {

padding: 0;

margin: 0 0 30px 0;

}

h1,

h2,

h3,

h4,

h5,

h6 {

font-family: "Raleway", sans-serif;

font-weight: 400;

margin: 0 0 20px 0;

padding: 0;

color: #0e1b4d;

}

.main-page {

margin-top: 70px;

}

@media (prefers-reduced-motion: no-preference) {

:root {

scroll-behavior: auto;

}

}

/\* Prelaoder \*/

#preloader {

position: fixed;

left: 0;

top: 0;

z-index: 999;

width: 100%;

height: 100%;

overflow: visible;

background: #fff url("../img/preloader.svg") no-repeat center center;

}

/\* Back to top button \*/

.back-to-top {

position: fixed;

display: none;

background: #198754!important;

color: #fff;

width: 40px;

height: 40px;

text-align: center;

border-radius: 50px;

right: 15px;

bottom: 15px;

transition: background 0.5s ease-in-out;

}

.back-to-top i {

font-size: 24px;

padding-top: 6px;

}

@media (max-width: 768px) {

.back-to-top {

bottom: 15px;

}

}

.back-to-top:focus {

background: #e0072f;

color: #fff;

outline: none;

}

.back-to-top:hover {

background: #e0072f;

color: #fff;

}

/\* Sections Header

--------------------------------\*/

.section-header {

margin-bottom: 60px;

position: relative;

padding-bottom: 20px;

}

.section-header::before {

content: '';

position: absolute;

display: block;

width: 60px;

height: 5px;

background: #f82249;

bottom: 0;

left: calc(50% - 25px);

}

.section-header h2 {

font-size: 36px;

text-transform: uppercase;

text-align: center;

font-weight: 700;

margin-bottom: 10px;

}

.section-header p {

text-align: center;

padding: 0;

margin: 0;

font-size: 18px;

font-weight: 500;

color: #9195a2;

}

.section-with-bg {

background-color: #f6f7fd;

}

/\*--------------------------------------------------------------

# Header

--------------------------------------------------------------\*/

#header {

height: 90px;

padding: 25px 0;

position: fixed;

left: 0;

top: 0;

right: 0;

transition: all 0.5s;

z-index: 997;

}

@media (max-width: 991px) {

#header {

background: rgba(6, 12, 34, 0.98);

height: 70px;

padding: 15px 0;

transition: all 0.5s;

}

}

@media (max-width: 1199px) {

#header .container {

max-width: 100%;

}

}

#header.header-scrolled,

#header.header-fixed {

background: rgba(6, 12, 34, 0.98);

height: 70px;

padding: 15px 0;

transition: all 0.5s;

}

#header #logo h1 {

font-size: 36px;

margin: 0;

padding: 6px 0;

line-height: 1;

font-family: "Raleway", sans-serif;

font-weight: 700;

letter-spacing: 3px;

text-transform: uppercase;

}

#header #logo h1 span {

color: #f82249;

}

#header #logo h1 a,

#header #logo h1 a:hover {

color: #fff;

}

#header #logo img {

padding: 0;

margin-top: -8px;

max-height: 54px;

border-radius: 8px 25px;

}

/\*--------------------------------------------------------------

# Navigation Menu

--------------------------------------------------------------\*/

/\* Nav Menu Essentials \*/

.nav-menu,

.nav-menu \* {

margin: 0;

padding: 0;

list-style: none;

}

.nav-menu ul {

position: absolute;

display: none;

top: 100%;

left: 0;

z-index: 99;

}

.nav-menu li {

position: relative;

white-space: nowrap;

}

.nav-menu>li {

float: left;

}

.nav-menu li:hover>ul,

.nav-menu li.sfHover>ul {

display: block;

}

.nav-menu ul ul {

top: 0;

left: 100%;

}

.nav-menu ul li {

min-width: 180px;

}

/\* Nav Menu Arrows \*/

.sf-arrows .sf-with-ul {

padding-right: 30px;

}

.sf-arrows .sf-with-ul:after {

content: "\f107";

position: absolute;

right: 15px;

font-family: FontAwesome;

font-style: normal;

font-weight: normal;

}

.sf-arrows ul .sf-with-ul:after {

content: "\f105";

}

/\* Nav Meu Container \*/

#nav-menu-container {

float: right;

margin: 0;

}

@media (max-width: 991px) {

#nav-menu-container {

display: none;

}

}

/\* Nav Meu Styling \*/

.nav-menu a {

padding: 8px;

text-decoration: none;

display: inline-block;

color: rgba(202, 206, 221, 0.8);

font-family: "Raleway", sans-serif;

font-weight: 600;

font-size: 14px;

outline: none;

}

@media (max-width: 1199px) {

.nav-menu a {

padding: 8px 4px;

}

}

.nav-menu .menu-active a,

.nav-menu a:hover {

color: #fff;

}

.nav-menu>li {

margin-left: 8px;

}

.nav-menu>li>a:before {

content: "";

position: absolute;

width: 0;

height: 2px;

bottom: 0;

left: 0;

background-color: green;

visibility: hidden;

transition: all 0.3s ease-in-out 0s;

}

.nav-menu a:hover:before,

.nav-menu li:hover>a:before,

.nav-menu .menu-active>a:before {

visibility: visible;

width: 100%;

}

.nav-menu li.buy-tickets a {

color: #fff;

background: #198754!important;

padding: 7px 22px;

border-radius: 50px;

border: 2px solid #198754!important;

transition: all ease-in-out 0.3s;

font-weight: 500;

margin-left: 8px;

margin-top: 2px;

line-height: 1;

font-size: 13px;

}

.nav-menu li.buy-tickets a:hover {

background: none;

}

.nav-menu li.buy-tickets:hover a:before,

.nav-menu li.buy-tickets.menu-active a:before {

visibility: hidden;

}

.nav-menu ul {

margin: 4px 0 0 0;

padding: 10px;

box-shadow: 0px 0px 30px rgba(127, 137, 161, 0.25);

background: #fff;

border-radius: 3px;

}

.nav-menu ul li {

transition: 0.3s;

}

.nav-menu ul li a {

padding: 10px;

color: #060c22;

transition: 0.3s;

display: block;

font-size: 13px;

text-transform: none;

border-radius: 3px;

}

.nav-menu ul li:hover>a {

background: #f82249;

color: #fff;

}

.nav-menu ul ul {

margin: 0;

}

/\* Mobile Nav Toggle \*/

#mobile-nav-toggle {

position: fixed;

right: 0;

top: 0;

z-index: 999;

margin: 15px 15px 0 0;

border: 0;

background: none;

font-size: 24px;

display: none;

transition: all 0.4s;

outline: none;

cursor: pointer;

}

#mobile-nav-toggle i {

color: #fff;

}

@media (max-width: 991px) {

#mobile-nav-toggle {

display: inline;

}

}

/\* Mobile Nav Styling \*/

#mobile-nav {

position: fixed;

top: 0;

padding-top: 18px;

bottom: 0;

z-index: 998;

background: rgba(6, 12, 34, 0.9);

left: -260px;

width: 260px;

overflow-y: auto;

transition: 0.4s;

}

#mobile-nav ul {

padding: 0;

margin: 0;

list-style: none;

}

#mobile-nav ul li {

position: relative;

}

#mobile-nav ul li a {

color: #fff;

font-size: 17px;

overflow: hidden;

padding: 10px 22px 10px 15px;

position: relative;

text-decoration: none;

width: 100%;

display: block;

outline: none;

}

#mobile-nav ul li a:hover {

color: #f82249;

}

#mobile-nav ul li li {

padding-left: 30px;

}

#mobile-nav ul .menu-has-children i {

position: absolute;

right: 0;

z-index: 99;

padding: 15px;

cursor: pointer;

color: #fff;

}

#mobile-nav ul .menu-has-children i.fa-chevron-up {

color: #f82249;

}

#mobile-nav ul .menu-item-active {

color: #f82249;

}

#mobile-body-overly {

width: 100%;

height: 100%;

z-index: 997;

top: 0;

left: 0;

position: fixed;

background: rgba(255, 255, 255, 0.8);

display: none;

}

/\* Mobile Nav body classes \*/

body.mobile-nav-active {

overflow: hidden;

}

body.mobile-nav-active #mobile-nav {

left: 0;

}

body.mobile-nav-active #mobile-nav-toggle {

color: #fff;

}

/\*--------------------------------------------------------------

# Intro Section

--------------------------------------------------------------\*/

#intro {

width: 100%;

height: 100vh;

position: relative;

overflow: hidden;

}

#intro video {

position: absolute;

top: 0;

left: 0;

width: 100%;

height: 100%;

object-fit: cover;

z-index: -1; /\* Ensures the video stays behind other content \*/

}

#intro:before {

content: "";

background: rgba(33,33,33, 0.274);

position: absolute;

bottom: 0;

top: 0;

left: 0;

right: 0;

}

#intro .intro-container {

position: absolute;

bottom: 0;

left: 0;

top: 90px;

right: 0;

display: flex;

justify-content: center;

align-items: center;

flex-direction: column;

text-align: center;

padding: 0 15px;

}

@media (max-width: 991px) {

#intro .intro-container {

top: 70px;

}

}

#intro h1 {

color: #ffffff;

font-family: "Raleway", sans-serif;

font-size: 56px;

font-weight: 600;

text-transform: uppercase;

}

#intro h1 span {

color: rgba(245, 245, 245, 0.997);

}

@media (max-width: 991px) {

#intro h1 {

font-size: 34px;

}

}

#intro p {

color: #fffffff5;

font-weight: 700;

font-size: 20px;

}

@media (max-width: 991px) {

#intro p {

font-size: 16px;

}

}

#intro .play-btn {

width: 94px;

height: 94px;

background: radial-gradient(#f82249 50%, rgba(101, 111, 150, 0.15) 52%);

border-radius: 50%;

display: block;

position: relative;

overflow: hidden;

}

#intro .play-btn::after {

content: '';

position: absolute;

left: 50%;

top: 50%;

transform: translateX(-40%) translateY(-50%);

width: 0;

height: 0;

border-top: 10px solid transparent;

border-bottom: 10px solid transparent;

border-left: 15px solid #ffffff;

z-index: 100;

transition: all 400ms cubic-bezier(0.55, 0.055, 0.675, 0.19);

}

#intro .play-btn:before {

content: '';

position: absolute;

width: 120px;

height: 120px;

-webkit-animation-delay: 0s;

animation-delay: 0s;

-webkit-animation: pulsate-btn 2s;

animation: pulsate-btn 2s;

-webkit-animation-direction: forwards;

animation-direction: forwards;

-webkit-animation-iteration-count: infinite;

animation-iteration-count: infinite;

-webkit-animation-timing-function: steps;

animation-timing-function: steps;

opacity: 1;

border-radius: 50%;

border: 2px solid rgb(247, 247, 247);

top: -15%;

left: -15%;

background: rgba(198, 16, 0, 0);

}

#intro .play-btn:hover::after {

border-left: 15px solid #f82249;

transform: scale(20);

}

#intro .play-btn:hover::before {

content: '';

position: absolute;

left: 50%;

top: 50%;

transform: translateX(-40%) translateY(-50%);

width: 0;

height: 0;

border: none;

border-top: 10px solid transparent;

border-bottom: 10px solid transparent;

border-left: 15px solid #ffffff;

z-index: 200;

-webkit-animation: none;

animation: none;

border-radius: 0;

}

#intro .about-btn {

font-family: "Raleway", sans-serif;

font-weight: 500;

font-size: 14px;

letter-spacing: 1px;

display: inline-block;

padding: 12px 32px;

border-radius: 50px;

transition: 0.5s;

line-height: 1;

margin: 10px;

color: #ffffff;

-webkit-animation-delay: 0.8s;

animation-delay: 0.8s;

border: 2px solid #198754!important;

}

#intro .about-btn:hover {

background: black;

color: #ffffff;

}

@-webkit-keyframes pulsate-btn {

0% {

transform: scale(0.6, 0.6);

opacity: 1;

}

100% {

transform: scale(1, 1);

opacity: 0;

}

}

@keyframes pulsate-btn {

0% {

transform: scale(0.6, 0.6);

opacity: 1;

}

100% {

transform: scale(1, 1);

opacity: 0;

}

}

/\*--------------------------------------------------------------

# About Section

--------------------------------------------------------------\*/

#about {

background: url("../img/about-bg.jpg");

background-size: cover;

overflow: hidden;

position: relative;

color: #ffffff;

padding: 60px 0 40px 0;

}

@media (min-width: 1024px) {

#about {

background-attachment: fixed;

}

}

#about:before {

content: "";

background: rgba(13, 20, 41, 0.8);

position: absolute;

bottom: 0;

top: 0;

left: 0;

right: 0;

}

#about h2 {

font-size: 36px;

font-weight: bold;

margin-bottom: 10px;

color: #fff;

}

#about h3 {

font-size: 18px;

font-weight: bold;

text-transform: uppercase;

margin-bottom: 10px;

color: #fff;

}

#about p {

font-size: 14px;

margin-bottom: 20px;

color: #fff;

}

/\*--------------------------------------------------------------

# Speakers Section

--------------------------------------------------------------\*/

#speakers {

padding: 60px 0 30px 0;

}

#speakers .speaker {

position: relative;

overflow: hidden;

margin-bottom: 30px;

}

#speakers .speaker .details {

background: rgba(6, 12, 34, 0.76);

position: absolute;

left: 0;

bottom: -30px;

right: 0;

text-align: center;

padding-top: 10px;

transition: all 300ms cubic-bezier(0.645, 0.045, 0.355, 1);

}

#speakers .speaker .details h3 {

color: #fff;

font-size: 22px;

font-weight: 600;

margin-bottom: 5px;

}

#speakers .speaker .details p {

color: #fff;

font-size: 15px;

margin-bottom: 10px;

font-style: italic;

}

#speakers .speaker .details .social {

height: 30px;

}

#speakers .speaker .details a {

color: #fff;

}

#speakers .speaker .details a:hover {

color: #f82249;

}

#speakers .speaker:hover .details {

bottom: 0;

}

#speakers-details {

padding: 60px 0;

}

#speakers-details .details h2 {

color: #112363;

font-size: 28px;

font-weight: 700;

margin-bottom: 10px;

}

#speakers-details .details .social {

margin-bottom: 15px;

}

#speakers-details .details .social a {

background: #e9edfb;

color: #112363;

line-height: 1;

display: inline-block;

text-align: center;

border-radius: 50%;

width: 36px;

height: 36px;

padding-top: 9px;

}

#speakers-details .details .social a:hover {

background: #f82249;

color: #fff;

}

#speakers-details .details .social a i {

font-size: 18px;

}

#speakers-details .details p {

color: #112363;

font-size: 15px;

margin-bottom: 10px;

}

/\*--------------------------------------------------------------

# Schedule Section

--------------------------------------------------------------\*/

#schedule {

padding: 60px 0 60px 0;

}

#schedule .nav-tabs {

text-align: center;

margin: auto;

display: block;

border-bottom: 0;

margin-bottom: 30px;

}

#schedule .nav-tabs li {

display: inline-block;

margin-bottom: 0;

}

#schedule .nav-tabs a {

border: none;

border-radius: 50px;

font-weight: 600;

background-color: #0e1b4d;

color: #fff;

padding: 10px 100px;

}

@media (max-width: 991px) {

#schedule .nav-tabs a {

padding: 8px 60px;

}

}

@media (max-width: 767px) {

#schedule .nav-tabs a {

padding: 8px 50px;

}

}

@media (max-width: 480px) {

#schedule .nav-tabs a {

padding: 8px 30px;

}

}

#schedule .nav-tabs a.active {

background-color: #f82249;

color: #fff;

}

#schedule .sub-heading {

text-align: center;

font-size: 18px;

font-style: italic;

margin: 0 auto 30px auto;

}

@media (min-width: 991px) {

#schedule .sub-heading {

width: 75%;

}

}

#schedule .tab-pane {

transition: ease-in-out .2s;

}

#schedule .schedule-item {

border-bottom: 1px solid #cad4f6;

padding-top: 15px;

padding-bottom: 15px;

transition: background-color ease-in-out 0.3s;

}

#schedule .schedule-item:hover {

background-color: #fff;

}

#schedule .schedule-item time {

padding-bottom: 5px;

display: inline-block;

}

#schedule .schedule-item .speaker {

width: 60px;

height: 60px;

overflow: hidden;

border-radius: 50%;

float: left;

margin: 0 10px 10px 0;

}

#schedule .schedule-item .speaker img {

height: 100%;

transform: translateX(-50%);

margin-left: 50%;

transition: all ease-in-out 0.3s;

}

#schedule .schedule-item h4 {

font-size: 18px;

font-weight: 600;

margin-bottom: 5px;

}

#schedule .schedule-item h4 span {

font-style: italic;

color: #19328e;

font-weight: normal;

font-size: 16px;

}

#schedule .schedule-item p {

font-style: italic;

color: #152b79;

margin-bottom: 0;

}

/\*--------------------------------------------------------------

# Venue Section

--------------------------------------------------------------\*/

#venue {

padding: 60px 0;

}

#venue .container-fluid {

margin-bottom: 3px;

}

#venue .venue-map iframe {

width: 100%;

height: 100%;

min-height: 300px;

}

#venue .venue-info {

background: url("../img/venue-info-bg.jpg") top center no-repeat;

background-size: cover;

position: relative;

padding-top: 60px;

padding-bottom: 60px;

}

#venue .venue-info:before {

content: "";

background: rgba(13, 20, 41, 0.8);

position: absolute;

bottom: 0;

top: 0;

left: 0;

right: 0;

}

#venue .venue-info h3 {

font-size: 36px;

font-weight: 700;

color: #fff;

}

@media (max-width: 574px) {

#venue .venue-info h3 {

font-size: 24px;

}

}

#venue .venue-info p {

color: #fff;

margin-bottom: 0;

}

#venue .venue-gallery-container {

padding-right: 12px;

}

#venue .venue-gallery {

overflow: hidden;

border-right: 3px solid #fff;

border-bottom: 3px solid #fff;

}

#venue .venue-gallery img {

transition: all ease-in-out 0.4s;

}

#venue .venue-gallery:hover img {

transform: scale(1.1);

}

/\*--------------------------------------------------------------

# Hotels Section

--------------------------------------------------------------\*/

#hotels {

padding: 60px 0;

}

#hotels .hotel {

border: 1px solid #e0e5fa;

background: #fff;

margin-bottom: 30px;

}

#hotels .hotel:hover .hotel-img img {

transform: scale(1.1);

}

#hotels .hotel-img {

overflow: hidden;

margin-bottom: 15px;

}

#hotels .hotel-img img {

transition: 0.3s ease-in-out;

}

#hotels h3 {

font-weight: 600;

font-size: 20px;

margin-bottom: 5px;

padding: 0 20px;

}

#hotels a {

color: #791515;

}

#hotels a:hover {

color: #f82249;

}

#hotels .stars {

padding: 0 20px;

margin-bottom: 5px;

}

#hotels .stars i {

color: #ffc31d;

}

#hotels p {

padding: 0 20px;

margin-bottom: 20px;

color: #220606;

font-style: italic;

font-size: 15px;

}

/\*--------------------------------------------------------------

# Gallery Section

--------------------------------------------------------------\*/

#gallery {

padding: 60px;

overflow: hidden;

}

#gallery .owl-nav,

#gallery .owl-dots {

margin-top: 25px;

text-align: center;

}

#gallery .owl-item {

border-left: 2px solid #fff;

border-right: 2px solid #fff;

}

#gallery .owl-dot {

display: inline-block;

margin: 0 5px;

width: 12px;

height: 12px;

border-radius: 50%;

background-color: #ddd;

}

#gallery .owl-dot.active {

background-color: #f82249;

}

#gallery .gallery-carousel .owl-stage-outer {

overflow: visible;

}

#gallery .gallery-carousel .center {

border: 6px solid #f82249;

margin: -10px;

box-sizing: content-box;

padding: 4px;

background: #fff;

z-index: 1;

}

/\*--------------------------------------------------------------

# Sponsors Section

--------------------------------------------------------------\*/

#supporters {

padding: 60px 0;

}

#supporters .supporters-wrap {

border-top: 1px solid #e0e5fa;

border-left: 1px solid #e0e5fa;

margin-bottom: 30px;

}

#supporters .supporter-logo {

padding: 30px;

display: flex;

justify-content: center;

align-items: center;

border-right: 1px solid #e0e5fa;

border-bottom: 1px solid #e0e5fa;

overflow: hidden;

background: rgba(255, 255, 255, 0.292);

height: 160px;

}

#supporters .supporter-logo:hover img {

transform: scale(1.2);

}

#supporters img {

transition: all 0.4s ease-in-out;

}

/\*--------------------------------------------------------------

# F.A.Q Section

--------------------------------------------------------------\*/

#faq {

padding: 60px 0;

}

#faq #faq-list {

padding: 0;

list-style: none;

}

#faq #faq-list li {

border-bottom: 1px solid #ddd;

}

#faq #faq-list a {

padding: 18px 0;

display: block;

position: relative;

font-family: "Raleway", sans-serif;

font-size: 16px;

line-height: 24px;

font-weight: 600;

padding-right: 20px;

cursor: pointer;

}

#faq #faq-list i {

font-size: 24px;

position: absolute;

right: 0;

top: 16px;

}

#faq #faq-list p {

margin-bottom: 20px;

}

@media (max-width: 768px) {

#faq #faq-list a {

font-size: 18px;

}

#faq #faq-list i {

top: 13px;

}

}

#faq #faq-list a.collapse {

color: #f82249;

}

#faq #faq-list a.collapsed {

color: #000;

}

#faq #faq-list a.collapsed i::before {

content: "\f055" !important;

}

/\*--------------------------------------------------------------

# Subscribe Section

--------------------------------------------------------------\*/

#subscribe {

padding: 60px;

background: url(../img/subscribe-bg.jpg) center center no-repeat;

background-size: cover;

overflow: hidden;

position: relative;

}

#subscribe:before {

content: "";

background: rgba(6, 12, 34, 0.6);

position: absolute;

bottom: 0;

top: 0;

left: 0;

right: 0;

}

@media (min-width: 1024px) {

#subscribe {

background-attachment: fixed;

}

}

#subscribe .section-header h2,

#subscribe p {

color: #fff;

}

#subscribe input {

background: #fff;

color: #060c22;

border: 0;

outline: none;

margin: 0;

padding: 9px 20px;

border-radius: 50px;

font-size: 14px;

}

@media (min-width: 767px) {

#subscribe input {

min-width: 400px;

}

}

#subscribe button {

border: 0;

padding: 9px 25px;

cursor: pointer;

background: #f82249;

color: #fff;

transition: all 0.3s ease;

outline: none;

font-size: 14px;

border-radius: 50px;

}

#subscribe button:hover {

background: #e0072f;

}

@media (max-width: 460px) {

#subscribe button {

margin-top: 10px;

}

}

/\*--------------------------------------------------------------

# Buy Tickets Section

--------------------------------------------------------------\*/

#buy-tickets {

padding: 60px 0;

}

#buy-tickets .card {

border: none;

border-radius: 5px;

transition: all 0.3s ease-in-out;

box-shadow: 0 10px 25px 0 rgba(34, 6, 6, 0.1);

}

#buy-tickets .card:hover {

box-shadow: 0 10px 35px 0 rgba(34, 6, 6, 0.2);

}

#buy-tickets .card hr {

margin: 25px 0;

}

#buy-tickets .card .card-title {

margin: 10px 0;

font-size: 14px;

letter-spacing: 1px;

font-weight: bold;

}

#buy-tickets .card .card-price {

font-size: 48px;

margin: 0;

}

#buy-tickets .card ul li {

margin-bottom: 20px;

}

#buy-tickets .card .text-muted {

opacity: 0.7;

}

#buy-tickets .card .btn {

font-size: 15px;

border-radius: 50px;

padding: 10px 40px;

transition: all 0.2s;

background-color: #f82249;

border: 0;

color: #fff;

}

#buy-tickets .card .btn:hover {

background-color: #e0072f;

}

#buy-tickets #buy-ticket-modal input,

#buy-tickets #buy-ticket-modal select {

border-radius: 0;

}

#buy-tickets #buy-ticket-modal .btn {

font-size: 15px;

border-radius: 50px;

padding: 10px 40px;

transition: all 0.2s;

background-color: #f82249;

border: 0;

color: #fff;

}

#buy-tickets #buy-ticket-modal .btn:hover {

background-color: #e0072f;

}

/\*--------------------------------------------------------------

# Contact Section

--------------------------------------------------------------\*/

#contact {

padding: 60px 0;

}

#contact .contact-info {

margin-bottom: 20px;

text-align: center;

}

#contact .contact-info i {

font-size: 48px;

display: inline-block;

margin-bottom: 10px;

color: #f82249;

}

#contact .contact-info address,

#contact .contact-info p {

margin-bottom: 0;

color: #112363;

}

#contact .contact-info h3 {

font-size: 18px;

margin-bottom: 15px;

font-weight: bold;

text-transform: uppercase;

color: #631111;

}

#contact .contact-info a {

color: #4869df;

}

#contact .contact-info a:hover {

color: #f82249;

}

#contact .contact-address,

#contact .contact-phone,

#contact .contact-email {

margin-bottom: 20px;

}

@media (min-width: 768px) {

#contact .contact-address,

#contact .contact-phone,

#contact .contact-email {

padding: 20px 0;

}

}

@media (min-width: 768px) {

#contact .contact-phone {

border-left: 1px solid #ddd;

border-right: 1px solid #ddd;

}

}

#contact .php-email-form .validate {

display: none;

color: red;

margin: 0 0 15px 0;

font-weight: 400;

font-size: 13px;

}

#contact .php-email-form .error-message {

display: none;

color: #fff;

background: #ed3c0d;

text-align: left;

padding: 15px;

font-weight: 600;

}

#contact .php-email-form .error-message br+br {

margin-top: 25px;

}

#contact .php-email-form .sent-message {

display: none;

color: #fff;

background: #18d26e;

text-align: center;

padding: 15px;

font-weight: 600;

}

#contact .php-email-form .loading {

display: none;

background: #fff;

text-align: center;

padding: 15px;

}

#contact .php-email-form .loading:before {

content: "";

display: inline-block;

border-radius: 50%;

width: 24px;

height: 24px;

margin: 0 10px -6px 0;

border: 3px solid #18d26e;

border-top-color: #eee;

-webkit-animation: animate-loading 1s linear infinite;

animation: animate-loading 1s linear infinite;

}

#contact .php-email-form input,

#contact .php-email-form textarea {

border-radius: 0;

box-shadow: none;

font-size: 14px;

}

#contact .php-email-form input::focus,

#contact .php-email-form textarea::focus {

background-color: #f82249;

}

#contact .php-email-form input {

padding: 20px 15px;

}

#contact .php-email-form textarea {

padding: 12px 15px;

}

#contact .php-email-form button[type="submit"] {

background: #f82249;

border: 0;

padding: 10px 40px;

color: #fff;

transition: 0.4s;

border-radius: 50px;

cursor: pointer;

}

#contact .php-email-form button[type="submit"]:hover {

background: #e0072f;

}

@-webkit-keyframes animate-loading {

0% {

transform: rotate(0deg);

}

100% {

transform: rotate(360deg);

}

}

@keyframes animate-loading {

0% {

transform: rotate(0deg);

}

100% {

transform: rotate(360deg);

}

}

/\*--------------------------------------------------------------

# Footer

--------------------------------------------------------------\*/

#footer {

background: #198754!important;

color: #eee;

font-size: 14px;

}

#footer .footer-top {

background: #198754!important;

}

#footer .footer-top .footer-info {

margin-bottom: 30px;

}

#footer .footer-top .footer-info h3 {

font-size: 26px;

margin: 0 0 20px 0;

padding: 2px 0 2px 0;

line-height: 1;

font-family: "Raleway", sans-serif;

font-weight: 700;

color: #fff;

}

#footer .footer-top .footer-info img {

height: 40px;

margin-bottom: 10px;

}

#footer .footer-top .footer-info p {

font-size: 14px;

line-height: 24px;

margin-bottom: 0;

font-family: "Raleway", sans-serif;

color: #fff;

}

#footer .footer-top .social-links a {

font-size: 18px;

display: inline-block;

background: #362222;

color: #eee;

line-height: 1;

padding: 8px 0;

margin-right: 4px;

border-radius: 50%;

text-align: center;

width: 36px;

height: 36px;

transition: 0.3s;

}

#footer .footer-top .social-links a:hover {

background: #f82249;

color: #fff;

}

#footer .footer-top h4 {

font-size: 14px;

font-weight: bold;

color: #fff;

text-transform: uppercase;

position: relative;

padding-bottom: 12px;

border-bottom: 2px solid #f82249;

}

#footer .footer-top .footer-links {

margin-bottom: 30px;

}

#footer .footer-top .footer-links ul {

list-style: none;

padding: 0;

margin: 0;

}

#footer .footer-top .footer-links ul i {

padding-right: 5px;

color: #f82249;

font-size: 18px;

}

#footer .footer-top .footer-links ul li {

border-bottom: 1px solid #7f3e3e;

padding: 10px 0;

}

#footer .footer-top .footer-links ul li:first-child {

padding-top: 0;

}

#footer .footer-top .footer-links ul a {

color: #eee;

}

#footer .footer-top .footer-links ul a:hover {

color: #f82249;

}

#footer .footer-top .footer-contact {

margin-bottom: 30px;

}

#footer .footer-top .footer-contact p {

line-height: 26px;

}

#footer .footer-top .footer-newsletter {

margin-bottom: 30px;

}

#footer .footer-top .footer-newsletter input[type="email"] {

border: 0;

padding: 6px 8px;

width: 65%;

}

#footer .footer-top .footer-newsletter input[type="submit"] {

background: #f82249;

border: 0;

width: 35%;

padding: 6px 0;

text-align: center;

color: #fff;

transition: 0.3s;

cursor: pointer;

}

#footer .footer-top .footer-newsletter input[type="submit"]:hover {

background: #e0072f;

}

#footer .copyright {

text-align: center;

padding-top: 30px;

}

#footer .credits {

text-align: center;

font-size: 13px;

color: #ddd;

}

# JavaScript

main.js

/\*\*

\* Template Name: TheEvent - v3.0.0

\* Template URL: https://bootstrapmade.com/theevent-conference-event-bootstrap-template/

\* Author: BootstrapMade.com

\* License: https://bootstrapmade.com/license/

\*/

!(function($) {

"use strict";

// Back to top button

$(window).scroll(function() {

if ($(this).scrollTop() > 100) {

$('.back-to-top').fadeIn('slow');

} else {

$('.back-to-top').fadeOut('slow');

}

});

$('.back-to-top').click(function() {

$('html, body').animate({

scrollTop: 0

}, 1500, 'easeInOutExpo');

return false;

});

// Header fixed on scroll

$(window).scroll(function() {

if ($(this).scrollTop() > 100) {

$('#header').addClass('header-scrolled');

} else {

$('#header').removeClass('header-scrolled');

}

});

if ($(window).scrollTop() > 100) {

$('#header').addClass('header-scrolled');

}

// Initialize Venobox

$(window).on('load', function() {

$('.venobox').venobox({

bgcolor: '',

overlayColor: 'rgba(6, 12, 34, 0.85)',

closeBackground: '',

closeColor: '#fff',

share: false

});

});

// Initiate superfish on nav menu

$('.nav-menu').superfish({

animation: {

opacity: 'show'

},

speed: 400

});

// Mobile Navigation

if ($('#nav-menu-container').length) {

var $mobile\_nav = $('#nav-menu-container').clone().prop({

id: 'mobile-nav'

});

$mobile\_nav.find('> ul').attr({

'class': '',

'id': ''

});

$('body').append($mobile\_nav);

$('body').prepend('<button type="button" id="mobile-nav-toggle"><i class="fa fa-bars"></i></button>');

$('body').append('<div id="mobile-body-overly"></div>');

$('#mobile-nav').find('.menu-has-children').prepend('<i class="fa fa-chevron-down"></i>');

$(document).on('click', '.menu-has-children i', function(e) {

$(this).next().toggleClass('menu-item-active');

$(this).nextAll('ul').eq(0).slideToggle();

$(this).toggleClass("fa-chevron-up fa-chevron-down");

});

$(document).on('click', '#mobile-nav-toggle', function(e) {

$('body').toggleClass('mobile-nav-active');

$('#mobile-nav-toggle i').toggleClass('fa-times fa-bars');

$('#mobile-body-overly').toggle();

});

$(document).click(function(e) {

var container = $("#mobile-nav, #mobile-nav-toggle");

if (!container.is(e.target) && container.has(e.target).length === 0) {

if ($('body').hasClass('mobile-nav-active')) {

$('body').removeClass('mobile-nav-active');

$('#mobile-nav-toggle i').toggleClass('fa-times fa-bars');

$('#mobile-body-overly').fadeOut();

}

}

});

} else if ($("#mobile-nav, #mobile-nav-toggle").length) {

$("#mobile-nav, #mobile-nav-toggle").hide();

}

// Smooth scroll for the navigation menu and links with .scrollto classes

var scrolltoOffset = $('#header').outerHeight() - 21;

if (window.matchMedia("(max-width: 991px)").matches) {

scrolltoOffset += 20;

}

$(document).on('click', '.nav-menu a, #mobile-nav a, .scrollto', function(e) {

if (location.pathname.replace(/^\//, '') == this.pathname.replace(/^\//, '') && location.hostname == this.hostname) {

var target = $(this.hash);

if (target.length) {

e.preventDefault();

var scrollto = target.offset().top - scrolltoOffset;

if ($(this).attr("href") == '#header') {

scrollto = 0;

}

$('html, body').animate({

scrollTop: scrollto

}, 1500, 'easeInOutExpo');

if ($(this).parents('.nav-menu').length) {

$('.nav-menu .menu-active').removeClass('menu-active');

$(this).closest('li').addClass('menu-active');

}

if ($('body').hasClass('mobile-nav-active')) {

$('body').removeClass('mobile-nav-active');

$('#mobile-nav-toggle i').toggleClass('fa-times fa-bars');

$('#mobile-body-overly').fadeOut();

}

return false;

}

}

});

// Activate smooth scroll on page load with hash links in the url

$(document).ready(function() {

if (window.location.hash) {

var initial\_nav = window.location.hash;

if ($(initial\_nav).length) {

var scrollto = $(initial\_nav).offset().top - scrolltoOffset;

$('html, body').animate({

scrollTop: scrollto

}, 1500, 'easeInOutExpo');

}

}

});

// Navigation active state on scroll

var nav\_sections = $('section');

var main\_nav = $('.nav-menu, #mobile-nav');

$(window).on('scroll', function() {

var cur\_pos = $(this).scrollTop() + 200;

nav\_sections.each(function() {

var top = $(this).offset().top,

bottom = top + $(this).outerHeight();

if (cur\_pos >= top && cur\_pos <= bottom) {

if (cur\_pos <= bottom) {

main\_nav.find('li').removeClass('menu-active');

}

main\_nav.find('a[href="#' + $(this).attr('id') + '"]').parent('li').addClass('menu-active');

}

if (cur\_pos < 300) {

$(".nav-menu li:first").addClass('menu-active');

}

});

});

// Gallery carousel (uses the Owl Carousel library)

$(".gallery-carousel").owlCarousel({

autoplay: true,

dots: true,

loop: true,

center: true,

responsive: {

0: {

items: 1

},

768: {

items: 3

},

992: {

items: 4

},

1200: {

items: 5

}

}

});

// Buy tickets select the ticket type on click

$('#buy-ticket-modal').on('show.bs.modal', function(event) {

var button = $(event.relatedTarget);

var ticketType = button.data('ticket-type');

var modal = $(this);

modal.find('#ticket-type').val(ticketType);

});

// Init AOS

function aos\_init() {

AOS.init({

duration: 1000,

once: true

});

}

$(window).on('load', function() {

aos\_init();

});

})(jQuery);

# Python

agroNexumLive.py

from flask import Flask, render\_template, request, session, redirect, url\_for, flash,session

from flask\_sqlalchemy import SQLAlchemy

from flask\_login import UserMixin, login\_user, logout\_user, login\_manager, LoginManager, login\_required, current\_user

from werkzeug.security import generate\_password\_hash, check\_password\_hash

from flask\_mail import Mail, Message

from flask import render\_template

import time

import requests

import random

import string

import secrets

from email.mime.multipart import MIMEMultipart

from email.mime.image import MIMEImage

from email.mime.text import MIMEText

# MY db connection

local\_server= True

app = Flask(\_\_name\_\_)

print(app.name)

app.secret\_key='harshithbhaskar'

# Configure Flask-Mail settings

app.config['MAIL\_SERVER'] = 'smtp.gmail.com'

app.config['MAIL\_PORT'] = 465 # Use port 465 for SSL

app.config['MAIL\_USERNAME'] = 'agronexumlive@gmail.com'

app.config['MAIL\_PASSWORD'] = 'vgntssbcnbrdgjhf'

app.config['MAIL\_USE\_TLS'] = False

app.config['MAIL\_USE\_SSL'] = True

app.config['MAIL\_DEFAULT\_SENDER'] = ('AgroNexumLive', 'agronexumlive@gmail.com') # Set a default sender

# Initialize Flask-Mail

mail = Mail(app)

# An extensive blocking for sending automated mails

# Function to send email with dynamic content

def send\_dynamic\_email(recipient, subject, username, image\_url, video\_url, html\_url):

msg = Message(subject=subject, recipients=[recipient],sender=('AgroNexumlive', 'agronexumlive@gmail.com'))

msg.html = render\_template(

html\_url,

username=username,

image\_url=image\_url,

video\_url=video\_url

)

mail.send(msg)

"""def embedded\_send\_dynamic\_email(recipient, subject, username, image\_path, video\_url, html\_template, mail):

msg = Message(subject=subject, recipients=[recipient], sender=('AgroNexumlive', 'agronexumlive@gmail.com'))

with open(image\_path, 'rb') as img\_file:

image = MIMEImage(img\_file.read())

image.add\_header('Content-ID', '<image>')

msg.attach(image)

msg.html = render\_template(html\_template, username=username, image\_url='cid:image', video\_url=video\_url)

mail.send(msg)"""

"""def send\_email(recipient, subject, body):

msg = Message(subject=subject, recipients=[recipient], sender=('AgroNexumlive', 'agronexumlive@gmail.com'))

msg.body = body

mail.send(msg)

"""

def generate\_otp(length=6):

alphabet = string.ascii\_uppercase + string.digits

return ''.join(secrets.choice(alphabet) for \_ in range(length))

@app.route('/forgot\_password', methods=['GET', 'POST'])

def forgot\_password():

if request.method == "POST":

email = request.form.get('email')

# Check if email is provided

if not email:

flash("Please enter your email to proceed with the OTP Login.", "warning")

return render\_template('forgot\_password.html')

# Generate OTP

otp = generate\_otp()

# Here, you can update the user's record in the database with the hashed value of the OTP

# Update the 'user' table accordingly using SQL or an ORM method like SQLAlchemy

# Store the OTP and email in session

session['otp'] = otp

session['email'] = email

# Send OTP to the user's email

msg = Message('AgroNexumLive Login OTP', recipients=[email], sender='your\_email@gmail.com')

msg.body = f'Hello There, Your One Time Password for logging into AgroNexum Live is: {otp}'

mail.send(msg)

flash("An OTP has been sent to your email for your login.", "success")

return redirect(url\_for('verify\_otp'))

return render\_template('forgot\_password.html')

@app.route('/verify\_otp', methods=['GET', 'POST'])

def verify\_otp():

if request.method == "POST":

entered\_otp = request.form.get('otp')

# Check if entered OTP matches the stored OTP in session

if 'otp' in session and session['otp'] == entered\_otp:

# If OTP matches, proceed to login with the email provided

email = session['email']

user = MyUser.query.filter\_by(email=email).first()

if user:

# Login the user using the login\_user function (assuming you're using Flask-Login)

login\_user(user)

flash("OTP Login Successful ! You are now officially Logged in.", "success")

# Set the session variable to indicate the user is logged in

session['logged\_in'] = True

# Sending a login acknowledgment email for agrarians

if user.is\_agrarian:

subject = "Welcome Back, Agrarian!"

image\_url = "https://drive.google.com/file/d/1FdDaL6D4mVy\_jZbJ4YwzeM-OY7oBwzWD/view?usp=drive\_link" # Replace with the actual image URL

news\_url = "https://timesofindia.indiatimes.com/topic/agriculture" # Replace with the actual video URL

send\_dynamic\_email(user.email, subject, user.username, image\_url, news\_url,'email\_template.html')

#embedded\_send\_dynamic\_email(recipient\_email, subject, username, image\_path, video\_url, html\_template, mail)

#embedded\_send\_dynamic\_email('recipient@example.com', 'Welcome Back!', 'John', '/path/to/image.jpg', 'https://example.com/video', 'email\_template.html')

else:

subject = "Welcome Back to AgroNexumLive!"

image\_url = "https://drive.google.com/file/d/1xDcrhp1Dfdfn-z1Rj-jhMT4gOFMAeQy8/view?usp=drive\_link" # Replace with the actual image URL

news\_url = "https://www.oneindia.com/vegetables-price.html" # Replace with the actual video URL

send\_dynamic\_email(user.email, subject, user.username, image\_url, news\_url,'email\_template4.html')

return redirect(url\_for('index')) # Redirect to the main page after successful login

else:

flash("OOPS! User not found! SIGN UP to Continue", "danger")

return redirect(url\_for('signup')) # Redirect to login page if user not found

flash("Invalid OTP. Please try again.", "warning")

return render\_template('verify\_otp.html')

return render\_template('verify\_otp.html')

# this is for getting unique user access

login\_manager=LoginManager(app)

login\_manager.login\_view='login'

@login\_manager.user\_loader

def load\_user(user\_id):

return MyUser.query.get(int(user\_id))

# app.config['SQLALCHEMY\_DATABASE\_URL']='mysql://username:password@localhost/database\_name'

app.config['SQLALCHEMY\_DATABASE\_URI']='mysql://root:@localhost/farmers'

db=SQLAlchemy(app)

# here we will create db models that is tables

class Test(db.Model):

id=db.Column(db.Integer,primary\_key=True)

name=db.Column(db.String(100))

class Farming(db.Model):

fid=db.Column(db.Integer,primary\_key=True)

farmingtype=db.Column(db.String(100))

class Addagroproducts(db.Model):

username=db.Column(db.String(50))

email=db.Column(db.String(50))

pid=db.Column(db.Integer,primary\_key=True)

productname=db.Column(db.String(100))

productdesc=db.Column(db.String(300))

price=db.Column(db.Integer)

class Trig(db.Model):

id=db.Column(db.Integer,primary\_key=True)

fid=db.Column(db.String(100))

action=db.Column(db.String(100))

timestamp=db.Column(db.String(100))

class MyUser(UserMixin, db.Model):

\_\_tablename\_\_ = 'user' # Explicitly specifying the table name

id = db.Column(db.Integer, primary\_key=True)

username = db.Column(db.String(50))

email = db.Column(db.String(50), unique=True)

password = db.Column(db.String(1000))

is\_agrarian = db.Column(db.Boolean, default=False)

is\_admin = db.Column(db.Boolean, default=False)

class Register(db.Model):

rid=db.Column(db.Integer,primary\_key=True)

farmername=db.Column(db.String(50))

adharnumber=db.Column(db.String(50))

age=db.Column(db.Integer)

gender=db.Column(db.String(50))

phonenumber=db.Column(db.String(50))

address=db.Column(db.String(50))

farming=db.Column(db.String(50))

@app.route('/')

@app.route('/')

def index():

redirect\_message = session.pop('redirect\_message', None)

return render\_template('index.html', redirect\_message=redirect\_message)

@app.route('/farmerdetails')

@login\_required

def farmerdetails():

if current\_user.is\_agrarian or current\_user.is\_admin:

if current\_user.is\_admin:

query = Register.query.all()

return render\_template('farmerdetails.html', query=query)

if current\_user.is\_agrarian:

# Fetch the current logged-in user's username

current\_username = current\_user.username

# Query to retrieve agrarian details for the current user

agrarian\_details = (

db.session.query(Register)

.join(MyUser, MyUser.username == Register.farmername)

.filter(MyUser.username == current\_username)

.all()

)

return render\_template('farmerdetails.html', query=agrarian\_details)

else:

#flash("You don't have permission to view Agrarian Details page.", "warning")

session['redirect\_message'] = "You don't have permission to view Agrarian Details page."

return redirect(url\_for('index')) # Redirect to the homepage or another suitable route

@app.route('/agroproducts')

def agroproducts():

# query=db.engine.execute(f"SELECT \* FROM `addagroproducts`")

query=Addagroproducts.query.all()

return render\_template('agroproducts.html',query=query)

@app.route('/addagroproduct',methods=['POST','GET'])

@login\_required

def addagroproduct():

if request.method=="POST":

username=request.form.get('username')

email=request.form.get('email')

productname=request.form.get('productname')

productdesc=request.form.get('productdesc')

price=request.form.get('price')

products=Addagroproducts(username=username,email=email,productname=productname,productdesc=productdesc,price=price)

db.session.add(products)

db.session.commit()

flash("Product Added Successfully","info")

return redirect('/agroproducts')

return render\_template('addagroproducts.html')

@app.route('/triggers')

@login\_required

def triggers():

if current\_user.is\_admin:

# query=db.engine.execute(f"SELECT \* FROM `trig`")

query=Trig.query.all()

return render\_template('triggers.html',query=query)

else:

session['redirect\_message'] = "Only Administrators can view 'Records Created' page."

return redirect(url\_for('index')) # Redirect to the homepage or another suitable route

@app.route('/addfarming',methods=['POST','GET'])

@login\_required

def addfarming():

if current\_user.is\_agrarian or current\_user.is\_admin:

if request.method=="POST":

farmingtype=request.form.get('farming')

query=Farming.query.filter\_by(farmingtype=farmingtype).first()

if query:

flash("Agricultural Focus Type Already Exists","warning")

return redirect('/addfarming')

dep=Farming(farmingtype=farmingtype)

db.session.add(dep)

db.session.commit()

flash("Agricultural Type Added Successfully... ","success")

return redirect('/addfarming')

return render\_template('farming.html')

else:

flash("You don't have permission to access 'Add Produce type' page.", "warning")

return redirect(url\_for('agroproducts')) # Redirect to the homepage or another suitable route

@app.route("/delete/<string:rid>",methods=['POST','GET'])

@login\_required

def delete(rid):

# db.engine.execute(f"DELETE FROM `register` WHERE `register`.`rid`={rid}")

post=Register.query.filter\_by(rid=rid).first()

db.session.delete(post)

db.session.commit()

flash("Slot Deleted Successful","warning")

return redirect('/farmerdetails')

@app.route("/edit/<string:rid>",methods=['POST','GET'])

@login\_required

def edit(rid):

user = MyUser.query.filter\_by(username=rid).first()

# farming=db.engine.execute("SELECT \* FROM `farming`")

if request.method=="POST":

farmername=request.form.get('farmername')

adharnumber=request.form.get('adharnumber')

age=request.form.get('age')

gender=request.form.get('gender')

phonenumber=request.form.get('phonenumber')

address=request.form.get('address')

farmingtype=request.form.get('farmingtype')

# query=db.engine.execute(f"UPDATE `register` SET `farmername`='{farmername}',`adharnumber`='{adharnumber}',`age`='{age}',`gender`='{gender}',`phonenumber`='{phonenumber}',`address`='{address}',`farming`='{farmingtype}'")

post=Register.query.filter\_by(rid=rid).first()

print(post.farmername)

post.farmername=farmername

post.adharnumber=adharnumber

post.age=age

post.gender=gender

post.phonenumber=phonenumber

post.address=address

post.farming=farmingtype

db.session.commit()

flash("Slot is Updated","success")

return redirect('/farmerdetails')

posts=Register.query.filter\_by(rid=rid).first()

farming=Farming.query.all()

return render\_template('edit.html',posts=posts,farming=farming)

@app.route('/signup', methods=['POST', 'GET'])

def signup():

if request.method == "POST":

username = request.form.get('username')

email = request.form.get('email')

password = request.form.get('password')

is\_agrarian = bool(request.form.get('is\_agrarian'))

user = MyUser.query.filter\_by(email=email).first()

if user:

flash("Kindly Verify! Email Already Exists!", "warning")

return render\_template('/signup.html')

enc\_password = generate\_password\_hash(password)

new\_user = MyUser(username=username, email=email, password=enc\_password, is\_agrarian=is\_agrarian)

db.session.add(new\_user)

db.session.commit()

flash("Signup Successful... Please Login to continue.", "success")

# Sending email after successful signup

if new\_user.is\_agrarian:

subject = "Welcome to the Elite Club of Agrarian!"

image\_url = "https://agritech.tnau.ac.in/agriculture/agri\_nutrientmgt\_priceoffertilizers.html" # Replace with the actual image URL

news\_url = "https://timesofindia.indiatimes.com/topic/agriculture" # Replace with the actual video URL

send\_dynamic\_email(new\_user.email, subject, new\_user.username, image\_url, news\_url,'email\_template2.html')

else:

subject = "Welcome to the World's First Ever Revolutionary Digital Agrarian Marketplace!"

image\_url = "https://rates.goldenchennai.com/vegetable-price/chennai-vegetable-price-today" # Replace with the actual image URL

news\_url = "http://127.0.0.1:8080/agroproducts" # Replace with the actual video URL

send\_dynamic\_email(new\_user.email, subject, new\_user.username, image\_url, news\_url,'email\_template3.html')

return render\_template('login.html')

return render\_template('signup.html')

@app.route('/login',methods=['POST','GET'])

def login():

if request.method == "POST":

email=request.form.get('email')

password=request.form.get('password')

user=MyUser.query.filter\_by(email=email).first()

if user and check\_password\_hash(user.password,password):

login\_user(user)

flash("Login Success","primary")

# Set the session variable to indicate the user is logged in

session['logged\_in'] = True

# Sending a login acknowledgment email for agrarians

if user.is\_agrarian:

subject = "Welcome Back, Agrarian!"

image\_url = "https://drive.google.com/file/d/1FdDaL6D4mVy\_jZbJ4YwzeM-OY7oBwzWD/view?usp=drive\_link" # Replace with the actual image URL

news\_url = "https://timesofindia.indiatimes.com/topic/agriculture" # Replace with the actual video URL

send\_dynamic\_email(user.email, subject, user.username, image\_url, news\_url,'email\_template.html')

#embedded\_send\_dynamic\_email(recipient\_email, subject, username, image\_path, video\_url, html\_template, mail)

#embedded\_send\_dynamic\_email('recipient@example.com', 'Welcome Back!', 'John', '/path/to/image.jpg', 'https://example.com/video', 'email\_template.html')

else:

subject = "Welcome Back to AgroNexumLive!"

image\_url = "https://drive.google.com/file/d/1xDcrhp1Dfdfn-z1Rj-jhMT4gOFMAeQy8/view?usp=drive\_link" # Replace with the actual image URL

news\_url = "https://www.oneindia.com/vegetables-price.html" # Replace with the actual video URL

send\_dynamic\_email(user.email, subject, user.username, image\_url, news\_url,'email\_template4.html')

return redirect(url\_for('index'))

elif user:

flash("Please Enter The valid Password !","warning")

return render\_template('login.html')

else:

flash("Please Sign Up to continue !","warning")

return render\_template('signup.html')

return render\_template('login.html')

@app.route('/logout')

@login\_required

def logout():

logout\_user()

flash("Logout Successful","warning")

# Clear the 'logged\_in' session variable

session.pop('logged\_in', None)

return redirect(url\_for('login'))

@app.route('/register',methods=['POST','GET'])

@login\_required

def register():

if current\_user.is\_agrarian or current\_user.is\_admin:

farming=Farming.query.all()

if request.method=="POST":

farmername=request.form.get('farmername')

adharnumber=request.form.get('adharnumber')

age=request.form.get('age')

gender=request.form.get('gender')

phonenumber=request.form.get('phonenumber')

address=request.form.get('address')

farmingtype=request.form.get('farmingtype')

query=Register(farmername=farmername,adharnumber=adharnumber,age=age,gender=gender,phonenumber=phonenumber,address=address,farming=farmingtype)

db.session.add(query)

db.session.commit()

# query=db.engine.execute(f"INSERT INTO `register` (`farmername`,`adharnumber`,`age`,`gender`,`phonenumber`,`address`,`farming`) VALUES ('{farmername}','{adharnumber}','{age}','{gender}','{phonenumber}','{address}','{farmingtype}')")

# flash("Your Record Has Been Saved","success")

return redirect('/farmerdetails')

return render\_template('farmer.html',farming=farming)

else:

session['redirect\_message'] = "You are not an Agrarian !"

return redirect(url\_for('index')) # Redirect to the homepage or another suitable route

@app.route('/test')

def test():

try:

Test.query.all()

return 'My database is Connected'

except:

return 'My db is not Connected'

app.run(host='0.0.0.0', port=8080, debug=True)

# SQL

DDLcommands.sql

-- phpMyAdmin SQL Dump

-- version 5.0.2

-- https://www.phpmyadmin.net/

--

-- Host: 127.0.0.1

-- Generation Time: Jan 20, 2021 at 06:31 AM

-- Server version: 10.4.11-MariaDB

-- PHP Version: 7.2.29

SET SQL\_MODE = "NO\_AUTO\_VALUE\_ON\_ZERO";

START TRANSACTION;

SET time\_zone = "+00:00";

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8mb4 \*/;

--

-- Database: `farmers`

CREATE TABLE `addagroproducts` (

`username` varchar(50) NOT NULL,

`email` varchar(50) NOT NULL,

`pid` int(11) NOT NULL,

`productname` varchar(100) NOT NULL,

`productdesc` text NOT NULL,

`price` varchar(100) NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

CREATE TABLE `farming` (

`fid` int(11) NOT NULL,

`farmingtype` varchar(200) NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

CREATE TABLE `register` (

`rid` int(11) NOT NULL,

`farmername` varchar(50) NOT NULL,

`adharnumber` varchar(20) NOT NULL,

`age` int(100) NOT NULL,

`gender` varchar(50) NOT NULL,

`phonenumber` varchar(12) NOT NULL,

`address` varchar(50) NOT NULL,

`farming` varchar(50) NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

CREATE TABLE `test` (

`id` int(11) NOT NULL,

`name` varchar(50) NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

CREATE TABLE `trig` (

`id` int(11) NOT NULL,

`fid` varchar(50) NOT NULL,

`action` varchar(50) NOT NULL,

`timestamp` datetime NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

CREATE TABLE `user` (

`id` int(11) NOT NULL,

`username` varchar(50) NOT NULL,

`email` varchar(50) NOT NULL,

`password` varchar(500) NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

ALTER TABLE `user`

ADD COLUMN `is\_agrarian` BOOLEAN NOT NULL DEFAULT FALSE AFTER `password`;

ALTER TABLE `user`

ADD COLUMN `is\_admin` BOOLEAN NOT NULL DEFAULT FALSE AFTER `is\_agrarian`;

-- Indexes for dumped tables

--

--

-- Indexes for table `addagroproducts`

--

ALTER TABLE `addagroproducts`

ADD PRIMARY KEY (`pid`);

--

-- Indexes for table `farming`

--

ALTER TABLE `farming`

ADD PRIMARY KEY (`fid`);

--

-- Indexes for table `register`

--

ALTER TABLE `register`

ADD PRIMARY KEY (`rid`);

--

-- Indexes for table `test`

--

ALTER TABLE `test`

ADD PRIMARY KEY (`id`);

--

-- Indexes for table `trig`

--

ALTER TABLE `trig`

ADD PRIMARY KEY (`id`);

--

-- Indexes for table `user`

--

ALTER TABLE `user`

ADD PRIMARY KEY (`id`);

--

-- AUTO\_INCREMENT for dumped tables

--

--

-- AUTO\_INCREMENT for table `addagroproducts`

--

ALTER TABLE `addagroproducts`

MODIFY `pid` int(11) NOT NULL AUTO\_INCREMENT, AUTO\_INCREMENT=31;

--

-- AUTO\_INCREMENT for table `farming`

--

ALTER TABLE `farming`

MODIFY `fid` int(11) NOT NULL AUTO\_INCREMENT, AUTO\_INCREMENT=32;

--

-- AUTO\_INCREMENT for table `register`

--

ALTER TABLE `register`

MODIFY `rid` int(11) NOT NULL AUTO\_INCREMENT, AUTO\_INCREMENT=31;

--

-- AUTO\_INCREMENT for table `test`

--

ALTER TABLE `test`

MODIFY `id` int(11) NOT NULL AUTO\_INCREMENT, AUTO\_INCREMENT=2;

--

-- AUTO\_INCREMENT for table `trig`

--

ALTER TABLE `trig`

MODIFY `id` int(11) NOT NULL AUTO\_INCREMENT, AUTO\_INCREMENT=41;

--

-- AUTO\_INCREMENT for table `user`

--

ALTER TABLE `user`

MODIFY `id` int(11) NOT NULL AUTO\_INCREMENT, AUTO\_INCREMENT=2;

COMMIT;

--Indexes

--For the addagroproducts table:

CREATE INDEX idx\_username\_addagroproducts ON addagroproducts(username);

--For the register table:

CREATE INDEX idx\_adharnumber\_register ON register(adharnumber);

--For the trig table:

CREATE INDEX idx\_fid\_trig ON trig(fid);

--Views

-- Create a view for the addagroproducts table

CREATE VIEW addagroproducts\_view AS

SELECT pid, productname, productdesc, price

FROM addagroproducts;

-- Create a view for the register table

CREATE VIEW register\_view AS

SELECT farmername, adharnumber, phonenumber, farming

FROM register;

DMLcommands.sql

INSERT INTO `addagroproducts` (`username`, `email`, `pid`, `productname`, `productdesc`, `price`) VALUES

('agriexpert1', 'agriexpert1@gmail.com', 1, 'Organic Wheat', 'High-quality organic wheat harvested from pesticide-free fields.', '1 kg - ₹450'),

('poultryfarmers', 'poultryfarmers@gmail.com', 2, 'Farm-Fresh Eggs', 'Fresh and nutritious eggs from free-range chickens.', '12 eggs - ₹60'),

('milkman123', 'milkman123@gmail.com', 3, 'Goat Milk', 'Pure and fresh goat milk, rich in nutrients and proteins.', '500 ml - ₹200'),

('dairyfarms', 'dairyfarms@gmail.com', 4, 'Cow Milk', 'Farm-fresh cow milk, pasteurized and free from additives.', '1 liter - ₹120'),

('farmerlife', 'farmerlife@gmail.com', 5, 'Buffalo Milk', 'Naturally sourced buffalo milk with high cream content.', '1 liter - ₹150'),

('plantnursery', 'plantnursery@gmail.com', 6, 'Fruit Saplings', 'Healthy saplings of various fruit trees for home gardens or farms.', '1 sapling - ₹80'),

('indianveggies', 'indianveggies@gmail.com', 7, 'Organic Tomatoes', 'Locally grown organic tomatoes, rich in flavor and nutrients.', '1 kg - ₹40'),

('greenfieldfarm', 'greenfieldfarm@gmail.com', 8, 'Fresh Spinach', 'Nourishing and pesticide-free spinach, handpicked from the farm.', '500g - ₹30'),

('spicegrove', 'spicegrove@gmail.com', 9, 'Aromatic Spices Set', 'Assorted pack of aromatic Indian spices for culinary use.', '250g - ₹150'),

('flowercultivator', 'flowercultivator@gmail.com', 10, 'Marigold Flowers', 'Freshly plucked marigold flowers, ideal for religious ceremonies.', '25 flowers - ₹25'),

('honeyharvesters', 'honeyharvesters@gmail.com', 11, 'Pure Honey', 'Raw and unprocessed honey, collected from local bee farms.', '500g - ₹180'),

('ricefarmers', 'ricefarmers@gmail.com', 12, 'Basmati Rice', 'Premium quality Basmati rice grains, known for their aroma.', '1 kg - ₹500'),

('organicgrains', 'organicgrains@gmail.com', 13, 'Quinoa', 'Nutritious and gluten-free quinoa grains, perfect for a healthy diet.', '500g - ₹350'),

('freshveggieshub', 'freshveggieshub@gmail.com', 14, 'Green Capsicum', 'Fresh and crunchy green capsicums grown using organic methods.', '500g - ₹60'),

('tealeafplanters', 'tealeafplanters@gmail.com', 15, 'Assam Tea Leaves', 'High-quality Assam tea leaves, perfect for a refreshing cup of tea.', '250g - ₹250'),

('spicychillies', 'spicychillies@gmail.com', 16, 'Red Chillies', 'Sun-dried spicy red chillies, essential for Indian cooking.', '100g - ₹45'),

('organicfarmerindia', 'organicfarmerindia@gmail.com', 17, 'Healthy Millets Mix', 'A mix of nutrient-rich millets for a balanced diet.', '1 kg - ₹180'),

('herbsharvest', 'herbsharvest@gmail.com', 18, 'Fresh Coriander', 'Fragrant and fresh coriander leaves, essential in Indian cuisine.', '50g - ₹20'),

('nutrientrichfarms', 'nutrientrichfarms@gmail.com', 19, 'Chickpeas', 'High-protein and fiber-rich chickpeas for healthy meals.', '1 kg - ₹90'),

('tumericgrowers', 'tumericgrowers@gmail.com', 20, 'Turmeric Powder', 'Ground turmeric powder, known for its medicinal properties.', '250g - ₹70'),

('mangoorchards', 'mangoorchards@gmail.com', 21, 'Alphonso Mangoes', 'Juicy and flavorful Alphonso mangoes, a summer delight.', '1 dozen - ₹80'),

('cashewplantations', 'cashewplantations@gmail.com', 22, 'Cashew Nuts', 'Premium-quality cashew nuts, handpicked and processed.', '250g - ₹300'),

('bengalifarmfresh', 'bengalifarmfresh@gmail.com', 23, 'Bengal Gram', 'Fresh Bengal gram, ideal for Indian culinary preparations.', '1 kg - ₹120'),

('localvegetablevendor', 'localvegetablevendor@gmail.com', 24, 'Potatoes', 'Locally sourced and fresh potatoes for various cooking needs.', '1 kg - ₹30'),

('grapevineyard', 'grapevineyard@gmail.com', 25, 'Seedless Grapes', 'Sweet and seedless grapes, perfect for snacking or desserts.', '500g - ₹100'),

('artisanalcheesery', 'artisanalcheesery@gmail.com', 26, 'Artisanal Cheese Set', 'Assorted set of artisanal cheeses for gourmet experiences.', '500g - ₹350'),

('localmeatshop', 'localmeatshop@gmail.com', 27, 'Fresh Lamb Meat', 'Tender and fresh lamb meat, sourced from local farms.', '1 kg - ₹400'),

('fisherydock', 'fisherydock@gmail.com', 28, 'Fresh Water Fish', 'Freshly caught local fish from freshwater sources.', '500g - ₹250'),

('poultryzone', 'poultryzone@gmail.com', 29, 'Dressed Chicken', 'Freshly dressed and cleaned chicken for cooking purposes.', '1 kg - ₹180'),

('dairyproductsindia', 'dairyproductsindia@gmail.com', 30, 'Butter', 'Homemade butter churned from farm-fresh cow milk.', '500g - ₹120');

INSERT INTO `farming` (`fid`, `farmingtype`) VALUES

(1, 'Seed Farming'),

(2, 'Cocoon Farming'),

(3, 'Silk Farming'),

(4, 'Goat Farming'),

(5, 'Cow Farming'),

(6, 'Buffalo Farming'),

(7, 'Sapling Cultivation'),

(8, 'Tomato Farming'),

(9, 'Spinach Farming'),

(10, 'Spice Cultivation'),

(11, 'Flower Cultivation'),

(12, 'Honey Harvesting'),

(13, 'Rice Farming'),

(14, 'Grain Cultivation'),

(15, 'Capsicum Farming'),

(16, 'Tea Leaf Cultivation'),

(17, 'Chilli Farming'),

(18, 'Millets Farming'),

(19, 'Coriander Farming'),

(20, 'Chickpea Farming'),

(21, 'Turmeric Farming'),

(22, 'Mango Orchard'),

(23, 'Cashew Plantation'),

(24, 'Bengal Gram Farming'),

(25, 'Potato Farming'),

(26, 'Grape Farming'),

(27, 'Cheese Production'),

(28, 'Lamb Farming'),

(29, 'Fishery'),

(30, 'Poultry Farming'),

(31, 'Butter Production');

INSERT INTO `register` (`rid`, `farmername`, `adharnumber`, `age`, `gender`, `phonenumber`, `address`, `farming`) VALUES

(1, 'agriexpert1', '123456789012', 35, 'Male', '9876543210', 'Address 1', 'Crop Cultivation'),

(2, 'poultryfarmers', '234567890123', 28, 'Female', '8765432109', 'Address 2', 'Poultry Farming'),

(3, 'milkman123', '345678901234', 40, 'Male', '7654321098', 'Address 3', 'Dairy Farming'),

(4, 'dairyfarms', '456789012345', 32, 'Female', '6543210987', 'Address 4', 'Dairy Farming'),

(5, 'farmerlife', '567890123456', 45, 'Male', '5432109876', 'Address 5', 'Dairy Farming'),

(6, 'plantnursery', '678901234567', 50, 'Female', '4321098765', 'Address 6', 'Horticulture'),

(7, 'indianveggies', '789012345678', 38, 'Male', '3210987654', 'Address 7', 'Crop Cultivation'),

(8, 'greenfieldfarm', '890123456789', 26, 'Female', '2109876543', 'Address 8', 'Crop Cultivation'),

(9, 'spicegrove', '901234567890', 31, 'Male', '1098765432', 'Address 9', 'Horticulture'),

(10, 'flowercultivator', '012345678901', 42, 'Female', '9876543210', 'Address 10', 'Horticulture'),

(11, 'honeyharvesters', '123456789012', 33, 'Male', '8765432109', 'Address 11', 'Apiculture'),

(12, 'ricefarmers', '234567890123', 29, 'Female', '7654321098', 'Address 12', 'Crop Cultivation'),

(13, 'organicgrains', '345678901234', 44, 'Male', '6543210987', 'Address 13', 'Organic Farming'),

(14, 'freshveggieshub', '456789012345', 36, 'Female', '5432109876', 'Address 14', 'Crop Cultivation'),

(15, 'tealeafplanters', '567890123456', 41, 'Male', '4321098765', 'Address 15', 'Horticulture'),

(16, 'spicychillies', '678901234567', 27, 'Female', '3210987654', 'Address 16', 'Crop Cultivation'),

(17, 'organicfarmerindia', '789012345678', 39, 'Male', '2109876543', 'Address 17', 'Organic Farming'),

(18, 'herbsharvest', '890123456789', 30, 'Female', '1098765432', 'Address 18', 'Horticulture'),

(19, 'nutrientrichfarms', '901234567890', 43, 'Male', '0987654321', 'Address 19', 'Crop Cultivation'),

(20, 'tumericgrowers', '012345678901', 34, 'Female', '9876543210', 'Address 20', 'Crop Cultivation'),

(21, 'mangoorchards', '123456789012', 37, 'Male', '8765432109', 'Address 21', 'Horticulture'),

(22, 'cashewplantations', '234567890123', 25, 'Female', '7654321098', 'Address 22', 'Agroforestry'),

(23, 'bengalifarmfresh', '345678901234', 48, 'Male', '6543210987', 'Address 23', 'Crop Cultivation'),

(24, 'localvegetablevendor', '456789012345', 31, 'Female', '5432109876', 'Address 24', 'Crop Cultivation'),

(25, 'grapevineyard', '567890123456', 46, 'Male', '4321098765', 'Address 25', 'Horticulture'),

(26, 'artisanalcheesery', '678901234567', 29, 'Female', '3210987654', 'Address 26', 'Dairy Farming'),

(27, 'localmeatshop', '789012345678', 35, 'Male', '2109876543', 'Address 27', 'Livestock Rearing'),

(28, 'fisherydock', '890123456789', 40, 'Female', '1098765432', 'Address 28', 'Aquaculture'),

(29, 'poultryzone', '901234567890', 33, 'Male', '0987654321', 'Address 29', 'Poultry Farming'),

(30, 'dairyproductsindia', '012345678901', 42, 'Female', '9876543210', 'Address 30', 'Dairy Farming');

DQLcommands.sql

--DQL with where conditions

--Select all products with a specific username from the addagroproducts table:

SELECT \* FROM addagroproducts WHERE username = 'example\_username';

--Retrieve farming types with a specific ID from the farming table:

SELECT \* FROM farming WHERE fid = 1;

--Find farmers with a specific Aadhar number from the register table:

SELECT \* FROM register WHERE adharnumber = '123456789012';

--Get information about a specific test from the test table:

SELECT \* FROM test WHERE id = 1;

--Retrieve triggers associated with a specific farmer ID from the trig table:

SELECT \* FROM trig WHERE fid = 'example\_farmer\_id';

--Select user information for a specific username from the user table:

SELECT \* FROM user WHERE username = 'example\_user';

--Retrieve users who are associated with agriculture (is\_agrarian = TRUE) from the user table:

SELECT \* FROM user WHERE is\_agrarian = TRUE;

--Find users who have admin privileges (is\_admin = TRUE) from the user table:

SELECT \* FROM user WHERE is\_admin = TRUE;

--DQL with aggregate functions

--Calculate the average price of products in the addagroproducts table:

SELECT AVG(price) AS average\_price FROM addagroproducts;

--Count the number of farming types in the farming table:

SELECT COUNT(\*) AS farming\_type\_count FROM farming;

--Find the maximum age of farmers in the register table:

SELECT MAX(age) AS max\_age FROM register;

--Calculate the total number of tests in the test table:

SELECT COUNT(\*) AS total\_tests FROM test;

--Find the earliest timestamp among triggers in the trig table:

SELECT MIN(timestamp) AS earliest\_timestamp FROM trig;

--Calculate the total number of users in the user table:

SELECT COUNT(\*) AS total\_users FROM user;

--Calculate the sum of ages for all farmers in the register table:

SELECT SUM(age) AS total\_age FROM register;

--Find the product with the highest price in the addagroproducts table:

SELECT \* FROM addagroproducts WHERE price = (SELECT MAX(price) FROM addagroproducts);

--DQL of simple join operations

--Join addagroproducts and register tables to get products along with farmer details:

SELECT addagroproducts.\*, register.farmername, register.age

FROM addagroproducts

JOIN register ON addagroproducts.username = register.username;

--Join farming and register tables to get farmers along with their associated farming types:

SELECT register.\*, farming.farmingtype

FROM register

JOIN farming ON register.farming = farming.fid;

--Join trig and register tables to get triggers along with farmer details:

SELECT trig.\*, register.farmername

FROM trig

JOIN register ON trig.fid = register.rid;

--Join user and register tables to get user details along with farmer registration information:

SELECT user.\*, register.address

FROM user

JOIN register ON user.username = register.username;

--Join addagroproducts, register, and farming tables to get products along with farmer details and farming types:

SELECT addagroproducts.\*, register.farmername, farming.farmingtype

FROM addagroproducts

JOIN register ON addagroproducts.username = register.username

JOIN farming ON register.farming = farming.fid;

--DQL of Subqueries

--Find farmers who have registered and are associated with agriculture in the register table:

SELECT \*

FROM register

WHERE farming IN (SELECT farmingtype FROM farming);

--Find the products with a price higher than the average price in the addagroproducts table:

SELECT \*

FROM addagroproducts

WHERE price > (SELECT AVG(price) FROM addagroproducts);

--Retrieve the farming type associated with the youngest farmer in the register table:

SELECT farmingtype

FROM farming

WHERE fid = (SELECT rid FROM register ORDER BY age ASC LIMIT 1);

--Get the number of products listed by each user in the addagroproducts table:

SELECT username, COUNT(pid) AS product\_count

FROM addagroproducts

GROUP BY username;

--Find users who are not associated with agriculture in the user table:

SELECT \*

FROM user

WHERE username NOT IN (SELECT username FROM register WHERE farming IS NOT NULL);

--Functions

--function that retrieves the total number of registered farmers for a given farming type from the provided tables (register and farming tables). The function will take the farming type as an input parameter and return the count.

-- Create the farming\_count function

DELIMITER //

CREATE FUNCTION farming\_count(farming\_type\_input varchar(200))

RETURNS INT

BEGIN

DECLARE count\_result INT;

-- Use a subquery to count the number of farmers with the given farming type

SELECT COUNT(\*) INTO count\_result

FROM register

WHERE farming = (SELECT fid FROM farming WHERE farmingtype = farming\_type\_input);

-- Return the count

RETURN count\_result;

END //

DELIMITER ;

-- Example usage of the farming\_count function

SELECT farming\_count('Type1') AS farmer\_count\_for\_type1;

--function that calculates the average age of farmers based on a given farming type.

-- Create the average\_age\_for\_farming\_type function

DELIMITER //

CREATE FUNCTION average\_age\_for\_farming\_type(farming\_type\_input varchar(200))

RETURNS DECIMAL(10,2)

BEGIN

DECLARE avg\_age\_result DECIMAL(10,2);

-- Use a subquery to calculate the average age of farmers with the given farming type

SELECT AVG(age) INTO avg\_age\_result

FROM register

WHERE farming = (SELECT fid FROM farming WHERE farmingtype = farming\_type\_input);

-- Return the average age

RETURN avg\_age\_result;

END //

DELIMITER ;

-- Example usage of the average\_age\_for\_farming\_type function

SELECT average\_age\_for\_farming\_type('Type1') AS avg\_age\_for\_type1;

--Stored procedures

--a stored procedure that calculates and returns the total value of all products for a given user in the addagroproducts table

-- Create the calculate\_total\_value stored procedure

DELIMITER //

CREATE PROCEDURE calculate\_total\_value(IN username\_input VARCHAR(50), OUT total\_value DECIMAL(10,2))

BEGIN

-- Calculate the total value of all products for the specified user

SELECT SUM(price) INTO total\_value

FROM addagroproducts

WHERE username = username\_input;

END //

DELIMITER ;

-- Example usage of the calculate\_total\_value stored procedure

CALL calculate\_total\_value('example\_username', @total\_value);

SELECT @total\_value AS total\_product\_value;

--a stored procedure that retrieves the details of farmers who have a specified minimum age and are associated with a specific farming type. The procedure will take the minimum age and farming type as input parameters and return the matching farmer details.

-- Create the get\_farmers\_by\_age\_and\_type stored procedure

DELIMITER //

CREATE PROCEDURE get\_farmers\_by\_age\_and\_type(IN min\_age INT, IN farming\_type\_input VARCHAR(200))

BEGIN

-- Retrieve farmers who meet the specified criteria

SELECT \*

FROM register

WHERE age >= min\_age AND farming = (SELECT fid FROM farming WHERE farmingtype = farming\_type\_input);

END //

DELIMITER ;

-- Example usage of the get\_farmers\_by\_age\_and\_type stored procedure

CALL get\_farmers\_by\_age\_and\_type(30, 'Type1');