support.google.com/mail/answer/78754





Videos till 15

main.py

from flask import Flask, render\_template, request, session  
import json  
from flask\_sqlalchemy import SQLAlchemy  
from datetime import datetime  
from flask\_mail import Mail  
  
with open(**'config.json'**, **'r'**) as c:  
 params = json.load(c)[**"params"**]  
  
local\_server = True  
app = Flask(\_\_name\_\_)  
app.secret\_key = **'super-secret-key'**app.config.update(  
 MAIL\_SERVER = **'smtp.gmail.com'**,  
 MAIL\_PORT = **'465'**,  
 MAIL\_USE\_SSL = True,  
 MAIL\_USERNAME = params[**'gmail-user'**],  
 MAIL\_PASSWORD = params[**'gmail-password'**]  
)  
mail = Mail(app)  
if(local\_server):  
 app.config[**'SQLALCHEMY\_DATABASE\_URI'**] = params[**'local\_uri'**]  
else:  
 app.config[**'SQLALCHEMY\_DATABASE\_URI'**] = params[**'prod\_uri'**]  
  
db = SQLAlchemy(app)  
  
class Contacts(db.Model):  
 *'''  
 sno, name, email, phone\_no, msg, date  
 '''* sno = db.Column(db.Integer, primary\_key=True)  
 name = db.Column(db.String(80), nullable=False)  
 email = db.Column(db.String(20), nullable=False)  
 phone\_no = db.Column(db.String(12), nullable=False)  
 msg = db.Column(db.String(120), nullable=False)  
 date = db.Column(db.String(12), nullable=True)  
  
class Posts(db.Model):  
 sno = db.Column(db.Integer, primary\_key=True)  
 title = db.Column(db.String(80), nullable=False)  
 slug = db.Column(db.String(20), nullable=False)  
 content = db.Column(db.String(10000), nullable=False)  
 tagline = db.Column(db.String(100), nullable=False)  
 date = db.Column(db.String(12), nullable=True)  
 img\_file = db.Column(db.String(12), nullable=True)  
  
  
@app.route(**"/"**)  
def home():  
 posts = Posts.query.filter\_by().all()[0:params[**'no\_of\_posts'**]]  
 return render\_template(**'index.html'**, params = params, posts=posts)  
  
@app.route(**"/post/<string:post\_slug>"**, methods=[**'GET'**])  
def post(post\_slug):  
 post = Posts.query.filter\_by(slug=post\_slug).first()  
 return render\_template(**'post.html'**, params = params, post=post)  
  
@app.route(**"/about"**)  
def about():  
 return render\_template(**'about.html'**, params = params)  
  
@app.route(**"/dashboard"**, methods=[**'GET'**, **'POST'**])  
def dashboard():  
 if (**'user'** in session and session[**'user'**] == params[**'admin\_user'**]):  
 posts = Posts.query.all()  
 return render\_template(**'dashboard.html'**, params = params, posts = posts)  
  
 if request.method == **'POST'**:  
 username = request.form.get(**'uname'**)  
 userpass = request.form.get(**'pass'**)  
 if (username == params[**'admin\_user'**] and userpass == params[**'admin\_password'**]):  
 *#Set the session veriable* session[**'user'**] = username  
 posts = Posts.query.all()  
 return render\_template(**'dashboard.html'**, params = params, posts = posts)  
  
 return render\_template(**'login.html'**, params = params)  
  
@app.route(**"/contact"**, methods = [**'GET'**, **'POST'**])  
def contact():  
 if(request.method==**'POST'**):  
  
 **'''Add entry to the datatbase'''** name = request.form.get(**'name'**)  
 email = request.form.get(**'email'**)  
 phone = request.form.get(**'phone'**)  
 message = request.form.get(**'message'**)  
  
 entry = Contacts(name=name, phone\_no = phone, msg = message, email = email, date = datetime.now())  
 db.session.add(entry)  
 db.session.commit()  
 mail.send\_message(**'New message from '** + name,  
 sender=email,  
 recipients = [params[**'gmail-user'**]],  
 body = message + **"**\n**"** + phone  
 )  
  
 return render\_template(**'contact.html'**, params = params)  
  
app.run(debug=True)

config.json

{  
 "params":  
 {  
 "local\_server": "True",  
 "local\_uri": "mysql://root:@localhost/selfpost",  
 "prod\_uri": "mysql://root:@localhost/selfpost",  
 "tw\_url": "https://twitter.com/selfpost",  
 "fb\_url": "https://facebook.com/selfpost",  
 "gh\_url": "https://github.com/selfpost",  
 "blog\_name": "Self Blog",  
 "tag\_line": "A Blog For Logical Thinking",  
 "gmail-user": "sarang.newaskar@gmail.com",  
 "gmail-password": "16051984sarangn",  
 "about\_text": "Hi my name is Sarang and I have created this blog.",  
 "no\_of\_posts": 5,  
 "login\_image": "login.svg",  
 "admin\_user": "sarang",  
 "admin\_password": "subscribenow"  
 }  
  
}

templates/layout.html

<!DOCTYPE html>  
<html lang="en">  
  
<head>  
 <meta charset="utf-8">  
 <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">  
 <meta name="description" content="">  
 <meta name="author" content="">  
  
 <title>{{params['blog\_name']}}</title>  
  
 *<!-- Bootstrap core CSS -->* <link href="{{ url\_for('static', filename='vendor/bootstrap/css/bootstrap.min.css') }}" rel="stylesheet">  
  
 *<!-- Custom fonts for this template -->* <link href="{{ url\_for('static', filename='vendor/fontawesome-free/css/all.min.css') }}" rel="stylesheet" type="text/css">  
 <link href='https://fonts.googleapis.com/css?family=Lora:400,700,400italic,700italic' rel='stylesheet' type='text/css'>  
 <link href='https://fonts.googleapis.com/css?family=Open+Sans:300italic,400italic,600italic,700italic,800italic,400,300,600,700,800' rel='stylesheet' type='text/css'>  
  
 *<!-- Custom styles for this template -->* <link href="{{ url\_for('static', filename='css/clean-blog.min.css') }}" rel="stylesheet">  
  
</head>  
  
<body>  
  
 *<!-- Navigation -->* <nav class="navbar navbar-expand-lg navbar-light fixed-top" id="mainNav">  
 <div class="container">  
 <a class="navbar-brand" href="index.html">{{params['blog\_name']}}</a>  
 <button class="navbar-toggler navbar-toggler-right" type="button" data-toggle="collapse" data-target="#navbarResponsive" aria-controls="navbarResponsive" aria-expanded="false" aria-label="Toggle navigation">  
 Menu  
 <i class="fas fa-bars"></i>  
 </button>  
 <div class="collapse navbar-collapse" id="navbarResponsive">  
 <ul class="navbar-nav ml-auto">  
 <li class="nav-item">  
 <a class="nav-link" href="/">Home</a>  
 </li>  
 <li class="nav-item">  
 <a class="nav-link" href="/about">About</a>  
 </li>  
 <li class="nav-item">  
 <a class="nav-link" href="/post">Sample Post</a>  
 </li>  
 <li class="nav-item">  
 <a class="nav-li nk" href="/contact">Contact</a>  
 </li>  
 </ul>  
 </div>  
 </div>  
 </nav>  
  
 {% block body %} {% endblock %}  
  
 <hr>  
  
 *<!-- Footer -->* <footer>  
 <div class="container">  
 <div class="row">  
 <div class="col-lg-8 col-md-10 mx-auto">  
 <ul class="list-inline text-center">  
 <li class="list-inline-item">  
 <a href="{{params['tw\_url']}}" target="\_blank">  
 <span class="fa-stack fa-lg">  
 <i class="fas fa-circle fa-stack-2x"></i>  
 <i class="fab fa-twitter fa-stack-1x fa-inverse"></i>  
 </span>  
 </a>  
 </li>  
 <li class="list-inline-item">  
 <a href="{{params['fb\_url']}}" target="\_blank">  
 <span class="fa-stack fa-lg">  
 <i class="fas fa-circle fa-stack-2x"></i>  
 <i class="fab fa-facebook-f fa-stack-1x fa-inverse"></i>  
 </span>  
 </a>  
 </li>  
 <li class="list-inline-item">  
 <a href="{{params['gh\_url']}}" target="\_blank">  
 <span class="fa-stack fa-lg">  
 <i class="fas fa-circle fa-stack-2x"></i>  
 <i class="fab fa-github fa-stack-1x fa-inverse"></i>  
 </span>  
 </a>  
 </li>  
 </ul>  
 <p class="copyright text-muted">Copyright &copy; SelfBlog 2020</p>  
 </div>  
 </div>  
 </div>  
 </footer>  
  
 *<!-- Bootstrap core JavaScript -->* <script src="{{ url\_for('static', filename='vendor/jquery/jquery.min.js') }}"></script>  
 <script src="{{ url\_for('static', filename='vendor/bootstrap/js/bootstrap.bundle.min.js') }}"></script>  
  
 *<!-- Custom scripts for this template -->* <script src="{{ url\_for('static', filename='js/clean-blog.min.js') }}"></script>  
  
</body>  
  
</html>

template/index.html

{% extends "layout.html" %} {% block body %}  
  
*<!-- Page Header -->*<header class="masthead" style="background-image: url('{{ url\_for('static', filename='img/home-bg.jpg') }}')">  
 <div class="overlay"></div>  
 <div class="container">  
 <div class="row">  
 <div class="col-lg-8 col-md-10 mx-auto">  
 <div class="site-heading">  
 <h1>{{params['blog\_name']}}</h1>  
 <span class="subheading">{{params['tag\_line']}}</span>  
 </div>  
 </div>  
 </div>  
 </div>  
</header>  
  
*<!-- Main Content -->*<div class="container">  
 <div class="row">  
 <div class="col-lg-8 col-md-10 mx-auto">  
  
 *<!-- Todo: Fetch it using for loop from the database -->* {% for post in posts %}  
 <div class="post-preview">  
 <a href="/post/{{post.slug}}">  
 <h2 class="post-title">{{ post.title }}  
  
 </h2>  
 <h3 class="post-subtitle">  
 {{ post.tagline }}  
 </h3>  
 </a>  
 <p class="post-meta">Posted by  
 <a href="#">Admin</a> on {{post.date}}</p>  
 </div>  
 {{post.content[0:150]}}...  
 <hr>  
 </li>  
 </a>  
  
 {% endfor %}  
  
  
  
 *<!-- Pager -->* <div class="clearfix">  
 <a class="btn btn-primary float-right" href="#">Older Posts &rarr;</a>  
 </div>  
 </div>  
 </div>  
</div>  
  
{% endblock %}

templates/about.html

{% extends "layout.html" %} {% block body %}  
  
*<!-- Page Header -->*<header class="masthead" style="background-image: url('{{ url\_for('static', filename='img/about-bg.jpg') }}')">  
 <div class="overlay"></div>  
 <div class="container">  
 <div class="row">  
 <div class="col-lg-8 col-md-10 mx-auto">  
 <div class="page-heading">  
 <h1>About Me</h1>  
 <span class="subheading">This is what I do.</span>  
 </div>  
 </div>  
 </div>  
 </div>  
</header>  
  
*<!-- Main Content -->*<div class="container">  
 <div class="row">  
 <div class="col-lg-8 col-md-10 mx-auto">  
 <p>{{params['about\_text']}}</p>  
 </div>  
 </div>  
</div>  
  
{% endblock %}

templates/contact.html

{% extends "layout.html" %} {% block body %}  
  
*<!-- Page Header -->*<header class="masthead" style="background-image: url('{{ url\_for('static', filename='img/contact-bg.jpg') }}')">  
 <div class="overlay"></div>  
 <div class="container">  
 <div class="row">  
 <div class="col-lg-8 col-md-10 mx-auto">  
 <div class="page-heading">  
 <h1>Contact Me</h1>  
 <span class="subheading">Have questions? I have answers.</span>  
 </div>  
 </div>  
 </div>  
 </div>  
</header>  
  
*<!-- Main Content -->*<div class="container">  
 <div class="row">  
 <div class="col-lg-8 col-md-10 mx-auto">  
 <p>Want to get in touch? Fill out the form below to send me a message and I will get back to you as soon as possible!</p>  
 *<!-- Contact Form - Enter your email address on line 19 of the mail/contact\_me.php file to make this form work. -->  
 <!-- WARNING: Some web hosts do not allow emails to be sent through forms to common mail hosts like Gmail or Yahoo. It's recommended that you use a private domain email address! -->  
 <!-- To use the contact form, your site must be on a live web host with PHP! The form will not work locally! -->* <form name="sentMessage" id="contactForm" action="/contact" method="post" novalidate>  
 <div class="control-group">  
 <div class="form-group floating-label-form-group controls">  
 <label>Name</label>  
 <input type="text" class="form-control" placeholder="Name" id="name" name='name' required data-validation-required-message="Please enter your name.">  
 <p class="help-block text-danger"></p>  
 </div>  
 </div>  
 <div class="control-group">  
 <div class="form-group floating-label-form-group controls">  
 <label>Email Address</label>  
 <input type="email" class="form-control" placeholder="Email Address" id="email" name="email" required data-validation-required-message="Please enter your email address.">  
 <p class="help-block text-danger"></p>  
 </div>  
 </div>  
 <div class="control-group">  
 <div class="form-group col-xs-12 floating-label-form-group controls">  
 <label>Phone Number</label>  
 <input type="tel" class="form-control" placeholder="Phone Number" id="phone" name="phone" required data-validation-required-message="Please enter your phone number.">  
 <p class="help-block text-danger"></p>  
 </div>  
 </div>  
 <div class="control-group">  
 <div class="form-group floating-label-form-group controls">  
 <label>Message</label>  
 <textarea rows="5" class="form-control" placeholder="Message" id="message" name="message" required data-validation-required-message="Please enter a message."></textarea>  
 <p class="help-block text-danger"></p>  
 </div>  
 </div>  
 <br>  
 <div id="success"></div>  
 <button type="submit" class="btn btn-primary" id="sendMessageButton">Send</button>  
 </form>  
 </div>  
 </div>  
</div>  
  
{% endblock %}

templates/post.html

{% extends "layout.html" %} {% block body %}  
  
*<!-- Page Header -->*{% set fname = 'img/' + post.img\_file %}  
<header class="masthead" style="background-image: url('{{ url\_for('static', filename=fname) }}')">  
 <div class="overlay"></div>  
 <div class="container">  
 <div class="row">  
 <div class="col-lg-8 col-md-10 mx-auto">  
 <div class="post-heading">  
 <h1>{{post.title}}</h1>  
 <h2 class="subheading">{{post.tagline}}</h2>  
 <span class="meta">Posted by  
 <a href="#">Admin</a>  
 on {{post.date}}</span>  
 </div>  
 </div>  
 </div>  
 </div>  
</header>  
  
*<!-- Post Content -->*<article>  
 <div class="container">  
 <div class="row">  
 <div class="col-lg-8 col-md-10 mx-auto">  
 {{post.content}}  
  
 </div>  
 </div>  
 </div>  
</article>  
  
{% endblock %}

templates/login.html

<!doctype html>  
<html lang="en">  
 <head>  
 <meta charset="utf-8">  
 <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">  
 <meta name="description" content="">  
 <meta name="author" content="Mark Otto, Jacob Thornton, and Bootstrap contributors">  
 <meta name="generator" content="Jekyll v4.0.1">  
 <title>Admin Panel</title>  
  
 <link rel="canonical" href="https://getbootstrap.com/docs/4.5/examples/sign-in/">  
  
 *<!-- Bootstrap core CSS -->*<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css" integrity="sha384-9aIt2nRpC12Uk9gS9baDl411NQApFmC26EwAOH8WgZl5MYYxFfc+NcPb1dKGj7Sk" crossorigin="anonymous">  
  
 *<!-- Favicons -->*<link rel="apple-touch-icon" href="/docs/4.5/assets/img/favicons/apple-touch-icon.png" sizes="180x180">  
<link rel="icon" href="/docs/4.5/assets/img/favicons/favicon-32x32.png" sizes="32x32" type="image/png">  
<link rel="icon" href="/docs/4.5/assets/img/favicons/favicon-16x16.png" sizes="16x16" type="image/png">  
<link rel="manifest" href="/docs/4.5/assets/img/favicons/manifest.json">  
<link rel="mask-icon" href="/docs/4.5/assets/img/favicons/safari-pinned-tab.svg" color="#563d7c">  
<link rel="icon" href="/docs/4.5/assets/img/favicons/favicon.ico">  
<meta name="msapplication-config" content="/docs/4.5/assets/img/favicons/browserconfig.xml">  
<meta name="theme-color" content="#563d7c">  
  
  
 <script type="text/javascript" src="https://gc.kis.v2.scr.kaspersky-labs.com/FD126C42-EBFA-4E12-B309-BB3FDD723AC1/main.js?attr=B1-Bn6KjrmXhrnV06V0aaAcdaMRzaH0mabQ2B-4f2Aw9uMlJ7lYRkFWBuqHExUq1QAiqobLYVopSPPGwA5Tz76H84DGKMr1PcgvgAIzi4HY" charset="UTF-8"></script><style>  
 .bd-placeholder-img {  
 font-size: 1.125rem;  
 text-anchor: middle;  
 -webkit-user-select: none;  
 -moz-user-select: none;  
 -ms-user-select: none;  
 user-select: none;  
 }  
  
 @media (min-width: 768px) {  
 .bd-placeholder-img-lg {  
 font-size: 3.5rem;  
 }  
 }  
 </style>  
 *<!-- Custom styles for this template -->* <link href="signin.css" rel="stylesheet">  
 </head>  
<body class="text-center">  
  
<link href="{{url\_for('static', filename='css/signin.css')}}" rel="stylesheet">   
<form class="form-signin" action="/dashboard" method="post">  
 {% set fname = 'img/' + params['login\_image'] %}  
 <img class="mb-4" src="{{url\_for('static', filename=fname)}}" alt="" width="72" height="72">  
 <h1 class="h3 mb-3 font-weight-normal">Please sign in</h1>  
 <label for="uname" class="sr-only">User Name</label>  
 <input type="text" id="uname" name="uname" class="form-control" placeholder="User Name" required autofocus>  
 <label for="pass" class="sr-only">Password</label>  
 <input type="password" id="pass" name="pass" class="form-control" placeholder="Password" required>  
 <div class="checkbox mb-3">  
 <label>  
 <input type="checkbox" value="remember-me"> Remember me  
 </label>  
 </div>  
 <button class="btn btn-lg btn-primary btn-block" type="submit">Sign in</button>  
 <p class="mt-5 mb-3 text-muted">&copy; {{params['blog\_name']}} 2017-2020</p>  
</form>  
  
</body>  
</html>

templates/dashboard.html

{% extends "layout.html" %} {% block body %}  
  
*<!-- Page Header -->*<header class="masthead" style="background-image: url('{{ url\_for('static', filename='img/home-bg.jpg') }}')">  
 <div class="overlay"></div>  
 <div class="container">  
 <div class="row">  
 <div class="col-lg-8 col-md-10 mx-auto">  
 <div class="site-heading">  
 <h1>Admin Panel</h1>  
 <span class="subheading">Manage your post and change them</span>  
 </div>  
 </div>  
 </div>  
 </div>  
</header>  
  
*<!-- Main Content -->*<div class="container">s  
 <div class="row">  
 <div class="col-lg-8 col-md-10 mx-auto">  
 <h1>Upload A File</h1>  
 <div>  
 We will add file uploader here  
 </div>  
  
<h1>Edit Posts</h1>  
<div class="container">   
 <table class="table table-hover">  
 <thead>  
 <tr>  
 <th>Sno</th>  
 <th>Title</th>  
 <th>Date</th>  
 <th>Edit</th>  
 <th>Delete</th>  
 </tr>  
 </thead>  
 <tbody>  
  
 {% for post in posts %}  
 <tr>  
 <td>{{post.sno}}</td>  
 <td>{{post.title}}</td>  
 <td>{{post.date}}</td>  
 <td><button class="btn btn-primary">Edit</button></td>  
 <td><button class="btn btn-primary">Delete</button></td>  
 </tr>  
   
 {% endfor %}  
  
  
 </tbody>  
 </table>  
</div>  
  
  
   
 </div>  
 </div>  
</div>  
  
{% endblock %}



