**Python Flask Blog with Admin using flask\_sqlalchemy, flask\_login, flask\_bcrypt and flask\_msearch**

-- Table: user

CREATE TABLE user (

    id       INTEGER       NOT NULL,

    name     VARCHAR (80)  NOT NULL,

    username VARCHAR (80)  NOT NULL,

    email    VARCHAR (120) NOT NULL,

    password VARCHAR (200) NOT NULL,

    profile  VARCHAR (180),

    PRIMARY KEY (

        id

    ),

    UNIQUE (

        username

    ),

    UNIQUE (

        email

    )

);

INSERT INTO user (id, name, username, email, password, profile) VALUES (3, 'admin', 'admin', 'cairocoders@gmail.com', X'243262243132244A4A757A326B696734342E6835706B4A43303533382E6D315A53687369393631505278526A4D5767373337746939526372314C3761', 'profile.jpg');

-- Table: post

CREATE TABLE post (

    id       INTEGER       NOT NULL,

    title    VARCHAR (200) NOT NULL,

    slug     VARCHAR (200) NOT NULL,

    body     TEXT          NOT NULL,

    category VARCHAR (100) NOT NULL,

    image    VARCHAR (150) NOT NULL,

    user\_id  INTEGER       NOT NULL,

    views    INTEGER,

    comments INTEGER,

    feature  VARCHAR       NOT NULL,

    date\_pub DATETIME      NOT NULL,

    PRIMARY KEY (

        id

    ),

    UNIQUE (

        title

    ),

    UNIQUE (

        slug

    ),

    FOREIGN KEY (

        user\_id

    )

    REFERENCES user (id) ON DELETE CASCADE

);

-- Table: comments

CREATE TABLE comments (

    id       INTEGER       NOT NULL,

    name     VARCHAR (200) NOT NULL,

    email    VARCHAR (200) NOT NULL,

    message  TEXT          NOT NULL,

    post\_id  INTEGER       NOT NULL,

    feature  BOOLEAN       NOT NULL,

    date\_pub DATETIME      NOT NULL,

    PRIMARY KEY (

        id

    ),

    FOREIGN KEY (

        post\_id

    )

    REFERENCES post (id) ON DELETE CASCADE,

    CHECK (feature IN (0, 1) )

);

URL

http://127.0.0.1:5000/login

Username : admin

password : cairocoders

http://127.0.0.1:5000/signup

http://127.0.0.1:5000/admin

http://127.0.0.1:5000/addpost

http://127.0.0.1:5000/update/3

http://127.0.0.1:5000/comments/

http://127.0.0.1:5000/search?q=python

http://127.0.0.1:5000/news/7-essential-vs-code-extensions-for-python-developers-in-2021

pip install Flask-Bcrypt = https://pypi.org/project/Flask-Bcrypt/

pip install Flask-Login = https://pypi.org/project/Flask-Login/

pip install flask-msearch = https://pypi.org/project/flask-msearch/

pip install Flask-SQLAlchemy = https://pypi.org/project/Flask-SQLAlchemy/

templates : https://colorlib.com/wp/template/force/

**app.py**

[?](https://tutorial101.blogspot.com/2021/04/python-flask-blog-with-admin-using.html?m=1)

|  |  |
| --- | --- |
| 1  2  3  4  5 | #app.py  from flaskblog import app    if \_\_name\_\_ == "\_\_main\_\_":      app.run(debug=True) |

**flaskblog/\_\_init\_\_.py**

[?](https://tutorial101.blogspot.com/2021/04/python-flask-blog-with-admin-using.html?m=1)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24 | #flaskblog/\_\_init\_\_.py  from flask import Flask  from flask\_bcrypt import Bcrypt #pip install Flask-Bcrypt <https://pypi.org/project/Flask-Bcrypt/>  from flask\_sqlalchemy import SQLAlchemy  #pip install Flask-SQLAlchemy = <https://pypi.org/project/Flask-SQLAlchemy/>  from flask\_login import LoginManager #pip install Flask-Login = <https://pypi.org/project/Flask-Login/>  from flask\_msearch import Search #pip install flask-msearch = <https://pypi.org/project/flask-msearch/>    app = Flask(\_\_name\_\_)  app.config['SQLALCHEMY\_DATABASE\_URI'] = '[sqlite:///blog.db](sqlite://blog.db)'  app.config['SECRET\_KEY']='cairocoders-ednalan'  app.config['SQLALCHEMY\_TRACK\_MODIFICATIONS']=True      db = SQLAlchemy(app)  bcrypt = Bcrypt(app)  search = Search()  search.init\_app(app)    login\_manager = LoginManager(app)    login\_manager.login\_view = "login"  login\_manager.login\_message\_category = "info"    from flaskblog import routes |

**flaskblog/routes.py**

[?](https://tutorial101.blogspot.com/2021/04/python-flask-blog-with-admin-using.html?m=1)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61  62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79  80  81  82  83  84  85  86  87  88  89  90  91  92  93  94  95  96  97  98  99  100  101  102  103  104  105  106  107  108  109  110  111  112  113  114  115  116  117  118  119  120  121  122  123  124  125  126  127  128  129  130  131  132  133  134  135  136  137  138  139  140  141  142  143  144  145  146  147  148  149  150  151  152  153  154  155  156  157  158  159  160  161  162  163  164  165  166  167  168  169  170  171  172  173  174  175  176  177  178  179  180  181 | #flaskblog/routes.py  from flask import  render\_template, redirect, url\_for, request, flash,current\_app,abort  from flask\_login import login\_user, login\_required,logout\_user,current\_user  from flaskblog import app, bcrypt,db,search  from .forms import SignUpForm,LoginForm,PostForm  from .models import User, Post,Comments  import os  import secrets      def save\_photo(photo):      rand\_hex  = secrets.token\_hex(10)      \_, file\_extention = os.path.splitext(photo.filename)      file\_name = rand\_hex + file\_extention      file\_path = os.path.join(current\_app.root\_path, 'static/images', file\_name)      photo.save(file\_path)      return file\_name      @app.route('/')  def index():      posts = Post.query.order\_by(Post.id.desc()).all()      return render\_template('post/index.html', posts=posts)      @app.route('/news/<string:slug>', methods=['POST','GET'])  def news(slug):      post = Post.query.filter\_by(slug=slug).first()      comment = Comments.query.filter\_by(post\_id=post.id).filter\_by(feature=True).all()      post.views = post.views + 1      db.session.commit()      Thanks =""      if request.method =="POST":          post\_id = post.id          name = request.form.get('name')          email = request.form.get('email')          message = request.form.get('message')          comment = Comments(name=name,email=email,message=message,post\_id=post\_id)          db.session.add(comment)          post.comments = post.comments + 1          db.session.commit()          flash('Your comment has been submited  submitted will be published after aproval of admin', 'success')          return redirect(request.url)        return render\_template('post/news-details.html', post=post, comment=comment, Thanks=Thanks)      @app.route('/search')  def search():      keyword = request.args.get('q')      posts = Post.query.msearch(keyword,fields=['title'],limit=6)      return render\_template('post/search.html', posts=posts)      @app.route('/admin')  @login\_required  def admin():      posts = Post.query.order\_by(Post.id.desc()).all()      return render\_template('admin/home.html',posts = posts)      @app.route('/comments/', methods=['POST','GET'])  def comments():      comments =Comments.query.order\_by(Comments.id.desc()).all()      return render\_template('admin/comment.html',comments=comments)      @app.route('/check/<int:id>', methods=['POST','GET'])  @login\_required  def check(id):      comment = Comments.query.get\_or\_404(id)      if (comment.feature == True):          comment.feature = False          db.session.commit()      else:          comment.feature = True          db.session.commit()          return redirect(url\_for('comments'))      return redirect(url\_for('comments'))      @app.route('/addpost',methods=['POST','GET'])  @login\_required  def addpost():      form = PostForm(request.form)      if request.method =="POST" and form.validate():          photo = save\_photo(request.files.get('photo'))          post = Post(title=form.title.data, body=form.content.data,category=request.form.get('category'),image=photo,author=current\_user)          db.session.add(post)          db.session.commit()          flash('Your post has been added ','success')          return redirect(url\_for('admin'))      return render\_template('admin/addpost.html', form=form)      @app.route('/update/<int:id>',methods=['POST','GET'])  @login\_required  def update(id):      form = PostForm(request.form)      post = Post.query.get\_or\_404(id)      form.title.data = post.title      form.content.data = post.body      if request.method=='POST' and form.validate():          if request.files.get('photo'):              try:                  os.unlink(os.path.join(current\_app.root\_path, 'static/images/'+ post.image))                  post.image = save\_photo(request.files.get('photo'))              except:                  post.image = save\_photo(request.files.get('photo'))          post.title = form.title.data          post.body = form.content.data          post.category = request.form.get('category')          flash('Post has been updated', 'success')          db.session.commit()          return redirect(url\_for('admin'))      return render\_template('admin/addpost.html', form=form, post=post)      @app.route('/delete/<int:id>')  @login\_required  def delete(id):      post = Post.query.get\_or\_404(id)      try:          os.unlink(os.path.join(current\_app.root\_path,'static/images/'+ post.image))          db.session.delete(post)      except:          db.session.delete(post)      flash('Post has deleted ','success')      db.session.commit()      return redirect(url\_for('admin'))    @app.route('/delcomment/<int:id>')  @login\_required  def delcomment(id):      comment = Comments.query.get\_or\_404(id)      db.session.delete(comment)      db.session.commit()      flash('Comment has deleted ','success')      return redirect(url\_for('admin'))      @app.route('/signup', methods=['POST','GET'])  def signup():      form = SignUpForm(request.form)      if request.method == 'POST' and form.validate():          hashed\_password = bcrypt.generate\_password\_hash(form.password.data)          user = User(name=form.name.data,username=form.username.data, email=form.email.data,password=hashed\_password)          db.session.add(user)          db.session.commit()          flash('Thanks for registering, you able to login now','success')          return redirect(url\_for('login'))      return render\_template('admin/signup.html', form=form)        @app.route('/login', methods=['POST','GET'])  def login(): #username : admin pass: cairocoders      if current\_user.is\_authenticated:          next = request.args.get('next')          return redirect(next or url\_for('admin'))      form = LoginForm(request.form)      if request.method == 'POST' and form.validate():          user = User.query.filter\_by(username=form.username.data).first()          if not user:              flash('This user not exists','warning')              return redirect(url\_for('login'))          if user and bcrypt.check\_password\_hash(user.password, form.password.data):              login\_user(user)              flash('Logged in successfully.','success')              next = request.args.get('next')              return redirect(next or url\_for('admin'))          flash('Invalid password','danger')      return render\_template('admin/login.html', form=form)      @app.route('/logout')  @login\_required  def logout():      logout\_user()      flash('you are logout','success')      return redirect(url\_for('login')) |

**flaskblog/models.py**

[?](https://tutorial101.blogspot.com/2021/04/python-flask-blog-with-admin-using.html?m=1)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60 | #flaskblog/models.py  from flaskblog import db, login\_manager  from datetime import datetime  from flask\_login import UserMixin  from sqlalchemy import event  from slugify import slugify    @login\_manager.user\_loader  def load\_user(user\_id):      return User.query.filter\_by(id=user\_id).first()    class User(db.Model,UserMixin):      id = db.Column(db.Integer, primary\_key=True)      name = db.Column(db.String(80), nullable=False)      username = db.Column(db.String(80), unique=True, nullable=False)      email = db.Column(db.String(120), unique=True, nullable=False)      password = db.Column(db.String(200),  nullable=False)      profile = db.Column(db.String(180),  default="profile.jpg")        def \_\_repr\_\_(self):          return '<User %r>' % self.username      class Post(db.Model):      \_\_searchable\_\_ = ['title', 'body']      id = db.Column(db.Integer, primary\_key=True)      title = db.Column(db.String(200), unique=True, nullable=False)      slug = db.Column(db.String(200), unique=True, nullable=False)      body = db.Column(db.Text, nullable=False)      category = db.Column(db.String(100), nullable=False)      image = db.Column(db.String(150), nullable=False, default='no-image.jpg')      user\_id = db.Column(db.Integer, db.ForeignKey('user.id', ondelete='CASCADE'), nullable=False)      author = db.relationship('User', backref=db.backref('posts',lazy=True, passive\_deletes=True))      views = db.Column(db.Integer,default=0)      comments = db.Column(db.Integer,default=0)      feature = db.Column(db.String, default=1, nullable=False)      date\_pub = db.Column(db.DateTime, nullable=False, default=datetime.utcnow)        def \_\_repr\_\_(self):          return '<Post %r' % self.title        @staticmethod      def generate\_slug(target, value, oldvalue, initiator):          if value and (not target.slug or value != oldvalue):              target.slug = slugify(value)  db.event.listen(Post.title, 'set',Post.generate\_slug, retval=False)      class Comments(db.Model):      id = db.Column(db.Integer, primary\_key=True)      name = db.Column(db.String(200), unique=False, nullable=False)      email = db.Column(db.String(200), unique=False, nullable=False)      message = db.Column(db.Text, nullable=False)      post\_id = db.Column(db.Integer, db.ForeignKey('post.id', ondelete='CASCADE'), nullable=False)      post = db.relationship('Post', backref=db.backref('posts',lazy=True, passive\_deletes=True))      feature = db.Column(db.Boolean, default=False, nullable=False)      date\_pub = db.Column(db.DateTime, nullable=False, default=datetime.utcnow)        def \_\_repr\_\_(self):          return '<Post %r' % self.name |

**flaskblog/forms.py**

[?](https://tutorial101.blogspot.com/2021/04/python-flask-blog-with-admin-using.html?m=1)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20 | #flaskblog/forms.py  from wtforms import Form, BooleanField, StringField,FileField, PasswordField, validators, TextAreaField,ValidationError  from flask\_wtf.file import FileField, FileAllowed, FileRequired    class SignUpForm(Form):      name = StringField('Name', [validators.Length(min=2, max=25)])      username = StringField('Username', [validators.Length(min=4, max=25)])      email = StringField('Email Address', [validators.Length(min=6, max=35)])      password = PasswordField('Password', [validators.DataRequired(),          validators.EqualTo('confirm', message='Passwords must match')])      confirm = PasswordField('Repeat Password')    class LoginForm(Form):      username = StringField('Username', [validators.Length(min=4, max=25)])      password = PasswordField('Password',[validators.DataRequired()])    class PostForm(Form):      title = StringField('Title',[validators.DataRequired()])      content = TextAreaField('Content', [validators.DataRequired()])      photo = FileField() |

**flaskblog/templates/post/base.html**

[?](https://tutorial101.blogspot.com/2021/04/python-flask-blog-with-admin-using.html?m=1)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61  62  63  64 | //flaskblog/templates/post/base.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">      <link rel="icon" href="{{ url\_for('static', filename='img/favicon.png')}}" type="image/png">      <title>Python Flask Blog with Admin using flask\_sqlalchemy, flask\_login, flask\_bcrypt and flask\_msearch</title>      <link rel="stylesheet" href="{{url\_for('static', filename='css/bootstrap.css')}}">      <link rel="stylesheet" href="<http://maxcdn.bootstrapcdn.com/font-awesome/latest/css/font-awesome.min.css>">      <link rel="stylesheet" href="{{url\_for('static', filename='css/style.css')}}">      <link rel="stylesheet" href="{{url\_for('static', filename='css/responsive.css')}}">  </head>  <body>      <header class="header\_area">          <div class="logo\_part">              <div class="container">                  <div class="float-left">                      <a class="logo" href="#"><img src="{{ url\_for('static', filename='images/logo.png')}}" alt=""></a>                  </div>              </div>          </div>          <div class="main\_menu">              <nav class="navbar navbar-expand-lg navbar-light">                  <div class="container">                      <div class="container\_inner">                          <div class="collapse navbar-collapse offset" id="navbarSupportedContent">                              <ul class="nav navbar-nav menu\_nav">                                  <li class="nav-item active"><a class="nav-link" href="/">Home</a></li>                                  <li class="nav-item"><a class="nav-link" href="#">About</a></li>                                  <li class="nav-item"><a class="nav-link" href="#">Contact</a></li>                              </ul>                              <ul class="nav navbar-nav navbar-right ml-auto">                                  <form action="{{ url\_for('search')}}" method="GET" class="input-group mr-2">                                      <input type="text" class="form-control" name="q">                                      <div class="input-group-append">                                          <input type="submit" class="btn btn-outline-info" value="Search">                                      </div>                                  </form>                              </ul>                          </div>                      </div>                  </div>              </nav>          </div>      </header>      {% block content  %}        {% endblock content %}      <footer class="footer-area">          <div class="container">              <p>                  Copyright ©<script>                      document.write(new Date().getFullYear());                  </script> All rights reserved              </p>          </div>          </div>      </footer>      <script src="{{url\_for('static', filename='js/jquery-3.2.1.min.js')}}"></script>      <script src="{{url\_for('static', filename='js/popper.js')}}"></script>      <script src="{{url\_for('static', filename='js/bootstrap.min.js')}}"></script>  </body>  </html> |

**flaskblog/templates/post/index.html**

[?](https://tutorial101.blogspot.com/2021/04/python-flask-blog-with-admin-using.html?m=1)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41 | #flaskblog/templates/post/index.html      {% extends 'post/base.html' %}      {% block content  %}      {% include 'post/slider.html'%}      <br>      <section class="news\_area">          <div class="container">              <div class="row">                  <div class="col-lg-8">                      <div class="main\_title2">                          <h2>Latest Blog</h2>                      </div>                      <div class="latest\_news">                          {% for post in posts %}                          <div class="media">                              <div class="d-flex">                                  <img class="img-fluid" src="{{url\_for('static',filename='images/' + post.image)}}"                                      style="width:200px; height:200px;">                              </div>                              <div class="media-body">                                  <div class="choice\_text">                                      <div class="date">                                          <a class="" href="#">{{post.author.name}}</a>                                          <a href="#"><i class="fa fa-calendar" aria-hidden="true"></i>March 14, 2018</a>                                          <a href="#"><i class="fa fa-comments-o" aria-hidden="true"></i> Views                                              {{post.views }} | {{post.comments}} Comennts</a>                                      </div>                                      <a href="{{url\_for('news', slug=post.slug)}}">                                          <h4>{{post.title}}</h4>                                      </a>                                      <p>{{post.body |truncate(200, True) }}</p>                                  </div>                              </div>                          </div>                          {% endfor %}                      </div>                  </div>              </div>          </div>      </section>      {% endblock content  %} |

**flaskblog/templates/post/news-details.html**

[?](https://tutorial101.blogspot.com/2021/04/python-flask-blog-with-admin-using.html?m=1)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61  62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79  80  81  82  83  84  85  86  87  88  89  90  91  92 | #flaskblog/templates/post/news-details.html  {% extends 'post/base.html' %}  {% block content %}            <section class="news\_area single-post-area p\_100">              <div class="container">                  <div class="row">                      <div class="col-lg-8">                          <div class="main\_blog\_details">                              <img class="img-fluid" src="{{url\_for('static',filename='images/' + post.image)}}" alt="" style="width:100%; height: 400px;">                              <h4> {{post.title}} </h4>                              <div class="user\_details">                                  <div class="float-left">                                      <a href="#">Python</a>                                      <a href="#">Flask</a>                                  </div>                                  <div class="float-right">                                      <div class="media">                                          <div class="media-body">                                              <h5>Cairocoder</h5>                                              <p>12 Dec, 2020 11:21 am</p>                                          </div>                                      </div>                                  </div>                              </div>                              <p>{{post.body}}</p>                                <div class="news\_d\_footer">                                  <a href="#"><i class="lnr lnr lnr-heart"></i>cairocoders and 4 people like this</a>                                  <a class="justify-content-center ml-auto" href="#"><i class="lnr lnr lnr-bubble"></i> {{post.views }} Views  | {{post.comments}} Comments</a>                                  <div class="news\_socail ml-auto">                                      <a href="#"><i class="fa fa-facebook"></i></a>                                      <a href="#"><i class="fa fa-twitter"></i></a>                                      <a href="#"><i class="fa fa-youtube-play"></i></a>                                      <a href="#"><i class="fa fa-pinterest"></i></a>                                      <a href="#"><i class="fa fa-rss"></i></a>                                  </div>                              </div>                          </div>                          <div class="comments-area">                              <h4>{{post.comments}} Comments</h4>                              {% for message in comment %}                              <div class="comment-list">                                  <div class="single-comment justify-content-between d-flex">                                      <div class="user justify-content-between d-flex">                                          <div class="thumb">                                              <img src="img/blog/c1.jpg" alt="">                                          </div>                                            <div class="desc">                                              <h5><a href="#">{{message.name}}</a></h5>                                              <p class="date">{{message.date\_pub.strftime('%Y')}}</p>                                              <p class="comment">                                                  {{message.message}}                                              </p>                                          </div>                                        </div>                                      <div class="reply-btn">                                             <!-- <a href="" class="btn-reply text-uppercase">reply</a>  -->                                      </div>                                  </div>                              </div>                              {% endfor %}                            </div>                          <div class="comment-form">                              {% include 'admin/messages.html' %}                              <h4>Leave a Comment</h4>                              <form method="POST">                                  <div class="form-group form-inline">                                    <div class="form-group col-lg-6 col-md-6 name">                                      <input type="text" name="name" class="form-control" id="name" placeholder="Enter Name" onfocus="this.placeholder = ''" onblur="this.placeholder = 'Enter Name'">                                    </div>                                    <div class="form-group col-lg-6 col-md-6 email">                                      <input type="email" name="email" class="form-control" id="email" placeholder="Enter email address" onfocus="this.placeholder = ''" onblur="this.placeholder = 'Enter email address'">                                    </div>                                  </div>                                  <div class="form-group">                                      <textarea name="message" class="form-control mb-10" rows="5" name="message" placeholder="Messege" onfocus="this.placeholder = ''" onblur="this.placeholder = 'Messege'" required=""></textarea>                                  </div>                                  <button type="submit" class="primary-btn submit\_btn">Post Comment</button>                              </form>                          </div>                      </div>                      <div class="col-lg-4">                          Right Side                      </div>                  </div>              </div>          </section>         {% endblock content %} |

**flaskblog/post/search.html**

[?](https://tutorial101.blogspot.com/2021/04/python-flask-blog-with-admin-using.html?m=1)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41  42  43 | //flaskblog/post/search.html  {% extends 'post/base.html' %}  {% block content %}    <section class="news\_area single-post-area p\_100">      <div class="container">          <div class="row">              <div class="col-lg-8">                  <div class="main\_blog\_details">                      <div class="latest\_news">                          {% for post in posts %}                          <div class="media">                              <div class="d-flex">                                  <img class="img-fluid" src="{{url\_for('static',filename='images/' + post.image)}}"                                      style="width:200px; height:200px;">                              </div>                              <div class="media-body">                                  <div class="choice\_text">                                      <div class="date">                                          <a class="" href="#">{{post.author.name}}</a>                                          <a href="#"><i class="fa fa-calendar" aria-hidden="true"></i>March 14, 2020</a>                                          <a href="#"><i class="fa fa-comments-o" aria-hidden="true"></i> Views                                              {{post.views }} | {{post.comments}} Comennts</a>                                      </div>                                      <a href="{{url\_for('news', slug=post.slug)}}">                                          <h4>{{post.title}}</h4>                                      </a>                                      <p>{{post.body |truncate(200, True) }}</p>                                  </div>                              </div>                          </div>                          {% endfor %}                        </div>                  </div>              </div>              <div class="col-lg-4">                  Right              </div>          </div>      </div>  </section>  {% endblock content %} |

**flaskblog/templates/post/slider.html**

[?](https://tutorial101.blogspot.com/2021/04/python-flask-blog-with-admin-using.html?m=1)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40 | //flaskblog/templates/post/slider.html   <section class="home\_banner\_area">          <div class="banner\_inner d-flex align-items-center bg-light">              <div class="container">                  <div id="carouselExampleIndicators" class="carousel slide" data-ride="carousel">                      <ol class="carousel-indicators" style="position:absolute; bottom:0%;">                          <li data-target="#carouselExampleIndicators" data-slide-to="0" class="active"></li>                          <li data-target="#carouselExampleIndicators" data-slide-to="1"></li>                          <li data-target="#carouselExampleIndicators" data-slide-to="2"></li>                          <li data-target="#carouselExampleIndicators" data-slide-to="3"></li>                      </ol>                      <div class="carousel-inner">                            {% for post in posts %}                            {% if loop.index == 1 %}                          <div class="carousel-item active">                              {% else %}                          <div class="carousel-item">                                  {% endif %}                                <div class="background\_image banner\_inner" style="background-image:url('{{url\_for('static', filename='images/'+ post.image)}}');">                                  <div class="banner\_content text-center" style="position:absolute; right:25%; top: 50%;">                                          <div class="date">                                              <a href="#">Gadgets</a>                                              <a href="#"><i class="fa fa-calendar" aria-hidden="true"></i>{{post.date\_pub.strftime('%B %Y %d')}}</a>                                              <a href="#"><i class="fa fa-comments-o" aria-hidden="true"></i>05</a>                                          </div>                                          <h4><a href="{{url\_for('news', slug=post.slug)}}"  class="text-white" style="text-shadow:5px 5px 10px black;">{{post.title}}</a> </h4>                                          <p style="text-shadow:5px 5px 10px black;">{{post.body| truncate(150, True)}}</p>                                      </div>                              </div>                            </div>                          {% endfor %}                      </div>                  </div>              </div>          </div>      </section> |

**flaskblog/templates/admin/login.html**

[?](https://tutorial101.blogspot.com/2021/04/python-flask-blog-with-admin-using.html?m=1)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34 | //flaskblog/templates/admin/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">      <link rel="stylesheet" href="<https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css>" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">      <link rel="icon" href="static/web.jpg">      <title> Login</title>    </head>    <body>      <h1 class="text-center">  Login now </h1>      {% from "admin/\_formhelpers.html" import render\_field %}   <div class="container">      <div class="row">          <div class="col-md-3"></div>          <div class="col-md-6">            {% include 'admin/messages.html' %}                  <form method="post">                          <div>                            {{ render\_field(form.username, class="form-control") }}                            {{ render\_field(form.password, class="form-control") }}                          </div>                          <p><input type=submit value="Login" class="btn btn-info">                        </form>          </div>          <div class="col-md-3"></div>      </div>   </div>      <script src="<https://code.jquery.com/jquery-3.3.1.slim.min.js>" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>      <script src="<https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js>" integrity="sha384-UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1" crossorigin="anonymous"></script>      <script src="<https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js>" integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>    </body>  </html> |

**flaskblog/templates/admin/signup.html**

[?](https://tutorial101.blogspot.com/2021/04/python-flask-blog-with-admin-using.html?m=1)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37 | //flaskblog/templates/admin/signup.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">      <link rel="stylesheet" href="<https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css>" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">      <link rel="icon" href="static/web.jpg">      <title> Sign Up</title>    </head>    <body>      <h1 class="text-center"> Sign up now </h1>      {% from "admin/\_formhelpers.html" import render\_field %}   <div class="container">      <div class="row">          <div class="col-md-3"></div>          <div class="col-md-6">            {% include 'admin/messages.html' %}                  <form method="post">                          <div>                            {{ render\_field(form.name, class="form-control")}}                            {{ render\_field(form.username, class="form-control") }}                            {{ render\_field(form.email, class="form-control") }}                            {{ render\_field(form.password, class="form-control") }}                            {{ render\_field(form.confirm, class="form-control") }}                          </div>                          <p><input type=submit value="Register" class="btn btn-info">                        </form>          </div>          <div class="col-md-3"></div>      </div>   </div>      <script src="<https://code.jquery.com/jquery-3.3.1.slim.min.js>" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>      <script src="<https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js>" integrity="sha384-UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1" crossorigin="anonymous"></script>      <script src="<https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js>" integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>    </body>  </html> |

**flaskblog/templates/admin/home.html**

[?](https://tutorial101.blogspot.com/2021/04/python-flask-blog-with-admin-using.html?m=1)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61  62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79  80  81  82  83  84  85  86  87  88  89  90 | //flaskblog/templates/admin/home.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">      <link rel="stylesheet" href="<https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css>" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">      <title> Dashboard </title>    </head>    <body>      <h2 class="text-center">User  Dashboard </h2>      {% include 'admin/messages.html' %}      <nav class="navbar navbar-expand-lg navbar-light bg-light">        <a class="navbar-brand" href="{{url\_for('admin')}}">Navbar</a>        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">          <span class="navbar-toggler-icon"></span>        </button>        <div class="collapse navbar-collapse" id="navbarSupportedContent">          <ul class="navbar-nav mr-auto">            <li class="nav-item active">              <a class="nav-link" href="{{url\_for('admin')}}">Home <span class="sr-only">(current)</span></a>            </li>            <li class="nav-item">              <a class="nav-link" href="{{url\_for('addpost')}}">Add post</a>            </li>            <li class="nav-item">                <a class="nav-link" href="{{url\_for('comments')}}">Comments</a>              </li>          </ul>          <ul class="navbar-nav">            <li class="nav-item">              <a class="nav-link" href="{{ url\_for('logout')}}"aria-disabled="true">Logout</a>            </li>          </ul>        </div>      </nav>        <table class="table table-striped table-bordered table-sm">        <thead class="bg-dark text-white">          <th>Sr</th>          <th>Title</th>          <th>Category</th>          <th>Author</th>          <th>Date</th>          <th>Image</th>          <th>Edit</th>          <th>Delete</th>        </thead>         <tbody>           {% for post in posts %}           <tr>             <td>{{loop.index}}</td>             <td>{{post.title}}</td>             <td>{{post.category}}</td>             <td>{{post.author.name}}</td>             <td>{{post.date\_pub.strftime('%Y %B %d')}}</td>             <td> <img src="{{url\_for('static', filename='images/' + post.image)}}" alt="{{post.category}}" width="40"></td>             <td> <a href="update/{{ post.id}}" class="btn btn-sm btn-info">Edit</a> </td>               <td><button type="button" class="btn btn-danger btn-sm" data-toggle="modal" data-target="#del{{post.id}}">                delete              </button></td>           </tr>    <!-- The Modal -->    <div class="modal" id="del{{post.id}}">      <div class="modal-dialog">        <div class="modal-content">          <!-- Modal Header -->          <div class="modal-header">            <h4 class="modal-title text-danger"> Are you do you want delete this post </h4>            <button type="button" class="close" data-dismiss="modal">×</button>          </div>          <div class="modal-body">           {{post.title}}          </div>          <div class="modal-footer">           <div class="mr-auto"> <a href="delete/{{ post.id}}" class="btn btn-danger btn-sm"> Delete </a></div>            <button type="button" class="btn btn-primary btn-sm" data-dismiss="modal">Cancel</button>          </div>        </div>      </div>    </div>           {% endfor %}         </tbody>      </table>      <script src="<https://code.jquery.com/jquery-3.3.1.slim.min.js>" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>      <script src="<https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js>" integrity="sha384-UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1" crossorigin="anonymous"></script>      <script src="<https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js>" integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>    </body>  </html> |

**flaskblog/templates/admin/comment.html**

[?](https://tutorial101.blogspot.com/2021/04/python-flask-blog-with-admin-using.html?m=1)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61  62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78 | //flaskblog/templates/admin/comment.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">      <link rel="stylesheet" href="<https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css>">      <script src="<https://code.jquery.com/jquery-3.4.0.js>">      </script>      <title> Dashboard-Comments </title>  </head>  <body>      <h2 class="text-center">Dashboard-Comments </h2>      {% include 'admin/messages.html' %}      <nav class="navbar navbar-expand-lg navbar-light bg-light">          <a class="navbar-brand" href="{{url\_for('admin')}}">Navbar</a>          <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent"              aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">              <span class="navbar-toggler-icon"></span>          </button>          <div class="collapse navbar-collapse" id="navbarSupportedContent">              <ul class="navbar-nav mr-auto">                  <li class="nav-item active">                      <a class="nav-link" href="{{url\_for('admin')}}">Home <span class="sr-only">(current)</span></a>                  </li>                  <li class="nav-item">                      <a class="nav-link" href="{{url\_for('addpost')}}">Add post</a>                  </li>              </ul>              <ul class="navbar-nav">                  <li class="nav-item">                      <a class="nav-link" href="{{ url\_for('logout')}}" aria-disabled="true">Logout</a>                  </li>              </ul>          </div>      </nav>      <table class="table table-striped table-bordered table-sm">          <thead class="bg-dark text-white">              <th>Sr</th>              <th>Name</th>              <th>Comments</th>              <th>Post ID</th>              <th>Date</th>              <th>Status</th>              <td>Delete</td>          </thead>          <tbody>              {% for comment in comments %}              <tr>                  <td>{{loop.index}}</td>                  <td>{{comment.name}}</td>                  <td>{{comment.message | truncate(100, True)}}</td>                  <td>{{comment.post.id}}</td>                  <!-- <td>{{comment.feature}}</td> -->                  <td>{{comment.date\_pub.strftime('%Y %B %d')}}                  </td>                  {% if comment.feature == False %}                  <td>                      <a href="{{ url\_for('check', id=comment.id) }}" class="text-center text-danger"> Pandding </a>                  </td>                  {% else %}                  <td>                      <a href="{{ url\_for('delcomment', id=comment.id) }}" class="text-success"> Aproved </a>                  </td>                  {% endif %}                  <td>                      <a href="{{ url\_for('check', id=comment.id) }}" class="btn btn-sm btn-danger"> Delete </a>                  </td>              </tr>              {% endfor %}          </tbody>      </table>      <script src="<https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js>">      </script>      <script src="<https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js>">      </script>  </body>  </html> |

**flaskblog/templates/admin/messages.html**

[?](https://tutorial101.blogspot.com/2021/04/python-flask-blog-with-admin-using.html?m=1)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10 | //flaskblog/templates/admin/messages.html  {% with messages = get\_flashed\_messages(with\_categories=true) %}    {% if messages %}      <div class=flashes>      {% for category, message in messages %}        <div class=" alert alert-{{ category }}">{{ message }}</div>      {% endfor %}      </div>    {% endif %}  {% endwith %} |

**flaskblog/templates/admin/\_formhelpers.html**

[?](https://tutorial101.blogspot.com/2021/04/python-flask-blog-with-admin-using.html?m=1)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13 | //flaskblog/templates/admin/\_formhelpers.html  {% macro render\_field(field) %}    <dt>{{ field.label }}    <dd>{{ field(\*\*kwargs)|safe }}    {% if field.errors %}      <ul class=errors>      {% for error in field.errors %}        <li class="text-danger">{{ error }}</li>      {% endfor %}      </ul>    {% endif %}    </dd>  {% endmacro %} |