from flask import render\_template, Flask, request, flash, redirect, url\_for  
from app import app  
from app.forms import LoginForm, RegistrationForm, EditProfileForm, ResetPasswordRequestForm, ResetPasswordForm, SearchForm  
from flask\_login import current\_user, login\_user, logout\_user  
from app.models import User, Post  
from flask\_login import login\_required  
from werkzeug.urls import url\_parse  
from app import db  
from datetime import datetime  
from app.email import send\_password\_reset\_email  
from app.search import ff  
import random  
  
  
@app.route('/login', methods=['GET', 'POST'])  
def login():  
 if current\_user.is\_authenticated:  
 return redirect(url\_for('basic'))  
 form = LoginForm()  
 if form.validate\_on\_submit():  
 user = User.query.filter\_by(username=form.username.data).first()  
 if user is None or not user.check\_password(form.password.data):  
 flash('Invalid username or password')  
 return redirect(url\_for('login'))  
 login\_user(user, remember=form.remember\_me.data)  
 next\_page = request.args.get('next')  
 if not next\_page or url\_parse(next\_page).netloc != '':  
 next\_page = url\_for('index')  
 return redirect(next\_page)  
 return render\_template('login.html', title='Sign In', form=form)  
  
  
@app.route('/sign\_up', methods=['GET', 'POST'])  
def sign\_up():  
 if current\_user.is\_authenticated:  
 return redirect(url\_for('index'))  
 form = RegistrationForm()  
 if form.validate\_on\_submit():  
 user = User(username=form.username.data, email=form.email.data)  
 user.set\_password(form.password.data)  
 db.session.add(user)  
 db.session.commit()  
 flash('Congratulations, you are now a registered user!')  
 return redirect(url\_for('login'))  
 return render\_template('sign\_up.html', title='Sign Up', form=form)  
  
  
@app.route('/logout')  
def logout():  
 logout\_user()  
 return redirect(url\_for('index'))  
  
  
@app.route('/about')  
def about():  
 return render\_template('about.html')  
  
  
@app.route('/')  
@app.route('/index')  
def index():  
 # ...  
 random\_idx = random.randint(0, Post.query.count() - 1)  
 random\_obj = Post.query.all()[random\_idx]  
 return render\_template("index.html", title='Home Page', random\_obj=random\_obj)  
  
  
@app.route('/user/<username>')  
@login\_required  
def user(username):  
 user = User.query.filter\_by(username=username).first\_or\_404()  
 return render\_template('user.html', user=user)  
  
  
@app.before\_request  
def before\_request():  
 if current\_user.is\_authenticated:  
 current\_user.last\_seen = datetime.utcnow()  
 db.session.commit()  
  
  
@app.route('/edit\_profile', methods=['GET', 'POST'])  
@login\_required  
def edit\_profile():  
 form = EditProfileForm()  
 if form.validate\_on\_submit():  
 current\_user.username = form.username.data  
 current\_user.about\_me = form.about\_me.data  
 db.session.commit()  
 flash('Your changes have been saved.')  
 return redirect(url\_for('edit\_profile'))  
 elif request.method == 'GET':  
 form.username.data = current\_user.username  
 form.about\_me.data = current\_user.about\_me  
 return render\_template('edit\_profile.html', title='Edit Profile', form=form)  
  
  
@app.route('/explore')  
@login\_required  
def explore():  
 posts = Post.query.all()  
 random\_idx = random.randint(0, Post.query.count() - 1)  
 random\_obj = Post.query.all()[random\_idx]  
 return render\_template('index.html', title='Explore', posts=posts, random\_obj=random\_obj)  
  
  
@app.route('/reset\_password\_request', methods=['GET', 'POST'])  
def reset\_password\_request():  
 if current\_user.is\_authenticated:  
 return redirect(url\_for('index'))  
 form = ResetPasswordRequestForm()  
 if form.validate\_on\_submit():  
 user = User.query.filter\_by(email=form.email.data).first()  
 if user:  
 send\_password\_reset\_email(user)  
 flash('Check your email for the instructions to reset your password')  
 return redirect(url\_for('login'))  
 return render\_template('reset\_password\_request.html',  
 title='Reset Password', form=form)  
  
  
@app.route('/reset\_password/<token>', methods=['GET', 'POST'])  
def reset\_password(token):  
 if current\_user.is\_authenticated:  
 return redirect(url\_for('index'))  
 user = User.verify\_reset\_password\_token(token)  
 if not user:  
 return redirect(url\_for('index'))  
 form = ResetPasswordForm()  
 if form.validate\_on\_submit():  
 user.set\_password(form.password.data)  
 db.session.commit()  
 flash('Your password has been reset.')  
 return redirect(url\_for('login'))  
 return render\_template('reset\_password.html', form=form)  
  
  
@app.route('/search', methods=['GET', 'POST'])  
@login\_required  
def search():  
 form = SearchForm()  
 random\_idx = random.randint(0, Post.query.count() - 1)  
 random\_obj = Post.query.all()[random\_idx]  
 if form.validate\_on\_submit():  
 posts = Post.query.filter\_by(car\_brand=ff(form.car\_brand.data)).all()  
 if posts:  
 return render\_template('index.html', posts=posts, title='Search', random\_obj=random\_obj)  
 return render\_template('search.html', form=form, title='Search')