from flask import Flask, request, jsonify

from flask\_sqlalchemy import SQLAlchemy

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

app.config['SQLALCHEMY\_DATABASE\_URI'] = 'sqlite:///platform.db'

db = SQLAlchemy(app)

class User(db.Model):

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

username = db.Column(db.String(80), unique=True, nullable=False)

password = db.Column(db.String(120), nullable=False)

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

def register():

data = request.get\_json()

username = data.get('username')

password = data.get('password')

if User.query.filter\_by(username=username).first():

return jsonify({'message': 'User already exists'}), 400

new\_user = User(username=username, password=password)

db.session.add(new\_user)

db.session.commit()

return jsonify({'message': 'User registered successfully'}), 201

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

def login():

data = request.get\_json()

username = data.get('username')

password = data.get('password')

user = User.query.filter\_by(username=username, password=password).first()

if user:

return jsonify({'message': 'Login successful'}), 200

else:

return jsonify({'message': 'Invalid credentials'}), 401

if \_\_name\_\_ == '\_\_main\_\_':

db.create\_all()

app.run(debug=True)