Creating APIs in Flask

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Project Name	CONTAINMENT ZONE ALERTING

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Papp.route('/', methods=['GET', 'POST'])

def register():

### register():

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message = 'The username or email already exists!'
else:
else:
sql = "INSERT INTO users (id, username, email, password, type) VALUES (seq_person.nextval,'" + name + \
implies ind_b.exec_immediate(conn, sql)
# send_conf_email(email)
return redirect(url for('login'))
else:
message = 'The email is invalid!'
return render_template('register.html', message=message)

# gapp.route('/login', methods=['GET', 'POST'])
def login():
# get the data from the form
commander request.form['email']
password = request.form['email']
password = request.form['email']
# if not email or not password:
message = 'Please fill all the fields!'
return render_template('login.html', message=message)

# check if the username and password are valid
sql = "SELECT * FROM users WHERE email = "" + email + "' AND password = "" + password + ""

stmt = ibm_db.exec_immediate(conn, sql)
result = ibm_db.fetch_assoc(stmt)
# print('result', result)
# print('result', result)
# print('result', result)
# print('result', result)
# # message = 'You have successfully logged in!'
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session['id'] = result['ID']
              session['email'] = result['EMAIL']
# print("id ==", session['id'])
              return redirect(url for('home'))
     return render template('login.html', message=message)
@app.route('/logout')
def logout():
    session.clear()
     return redirect(url for('login'))
# create a route for the home page and open only if the user is logged in
@app.route('/home', methods=['GET', 'POST'])
def home():
     if 'id' in session:
          if request.method == 'GET':
              return render template('home.html', name=session['username'])
          if request.method == "POST":
              lat = request.form["lat"]
              lon = request.form["lon"]
if lat == "" or lon == "":
                   return render template('home.html', name=session['username'], email=session['email'], id=session['id'],
```

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@app.route('/android_signup', methods=['POST'])
def android_signup():
    if request.method == 'POST':
          name = request.json['name']
          email = request.json['email']
          password = request.json['password']
          # if nothing is entered in the form
# check if the email is valid
          if re.match(r"[^@]+@[^@]+\.[^@]+", email):
    # insert the data into the database
    # check if email already exists in the database
               stmt = ibm_db.exec_immediate(conn, sql)
               if result:
                    return jsonify({"message": "The username or email already exists!"})
                    sql = "INSERT INTO users (id, username, email, password,type) VALUES (seq_person.nextval,'" + name + \
| "', '" + email + "', '" + password + "', 2) "
                     ibm_db.exec_immediate(conn, sql)
                    # pass the id of the user to the android app
sql = "SELECT * FROM users WHERE email = '" + email + "' AND password = '" + password + "'"
                    stmt = ibm_db.exec_immediate(conn, sql)
    return jsonify(('message': 'The email is invalid!'))
return jsonify(('message': 'The email is invalid!'))
```

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      def send_trigger():
           if request.method == "POST":
               email = request.json['email']
               location_id = request.json['id']
               sql = "SELECT VISITED FROM INF_LOCATION WHERE LOCATE_ID = '" + str(location_id) + "'"
               stmt = ibm_db.exec_immediate(conn, sql)
               print("stmt", stmt)
               if stmt:
                   result = ibm_db.fetch_assoc(stmt)
                       visited = result['VISITED']
                           location_id) + "'"
                       ibm_db.exec_immediate(conn, sql)
                       ibm_db.exec_immediate(conn, sql)
                       sendemail(email)
                       return {"response": "Mail success"}
                       return {"response": "Mail failed"}
       if <u>__name__</u> == '__main__':
           app.run(debug=True, host='0.0.0.0', port=5000)
```