Creating APIs In Flask

Sample APIs used in our Project.

1) Home Route.

```
app.py X 5 addUser.html
                                                                                  requirement.txt
@app.route('/login')
    return render_template('index.html')
@app.route('/home', methods=['GET', 'POST'])
def home():
     global userid
msg = ''
     if request.method == 'POST':
           username = request.form['UserName']
password = request.form['Password']
           sql = "SELECT * FROM ADMIN WHERE Name = ? AND Password = ?"
           stmt = ibm_db.prepare(conn, sql)
           ibm_db.bind_param(stmt, 1, username)
ibm_db.bind_param(stmt, 2, password)
           ibm_db.execute(stmt)
           account = ibm_db.fetch_assoc(stmt)
           print(account)
           if account:
               account:
session['loggedin'] = True
session['id'] = account['NAME']
userid = account['NAME']
session['UserName'] = account['NAME']
msg = 'Logged in Successfully!'
return render_template('home.html', user = username)
                msg = 'Incorrect UserName or Password!'
                return render_template('index.html', msg = msg)
```

2) User Route.

```
app.py X 5 addUser.html
                                                                                 requirement.txt
#* Route to Logout
@app.route('/logout')
     logout():
session.pop('Loggedin', None)
session.pop('id', None)
session.pop('UserName', None)
return render_template('index.htmL')
def user():
     sql = "SELECT * FROM USER"
stmt = ibm_db.prepare(conn, sql)
      ibm_db.execute(stmt)
     userList = []
      while ibm_db.fetch_row(stmt) != False:
          users = {}
users["UserName"] = ibm_db.result(stmt, 0)
users["EmailIO"] = ibm_db.result(stmt, 1)
users["PhoneNumber"] = ibm_db.result(stmt, 2)
           userList.append(users)
     return render_template('user.html', users=userList);
@app.route('/new')
def new():
     return render_template('addUser.html')
```

3) Zone Route.

4) APIs for Mobile Requests.