

Project Development Phase

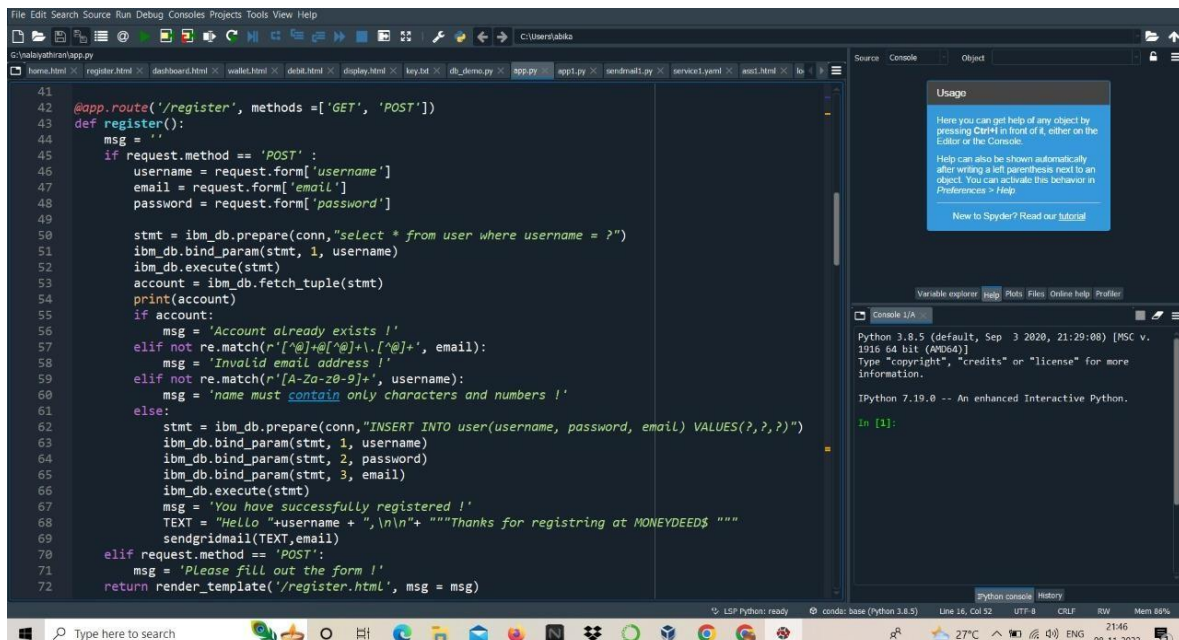
Delivery of Sprint 1

Team ID	PNT2022TMID26360
Project Title	Personal Expense Tracker

Sprint 1

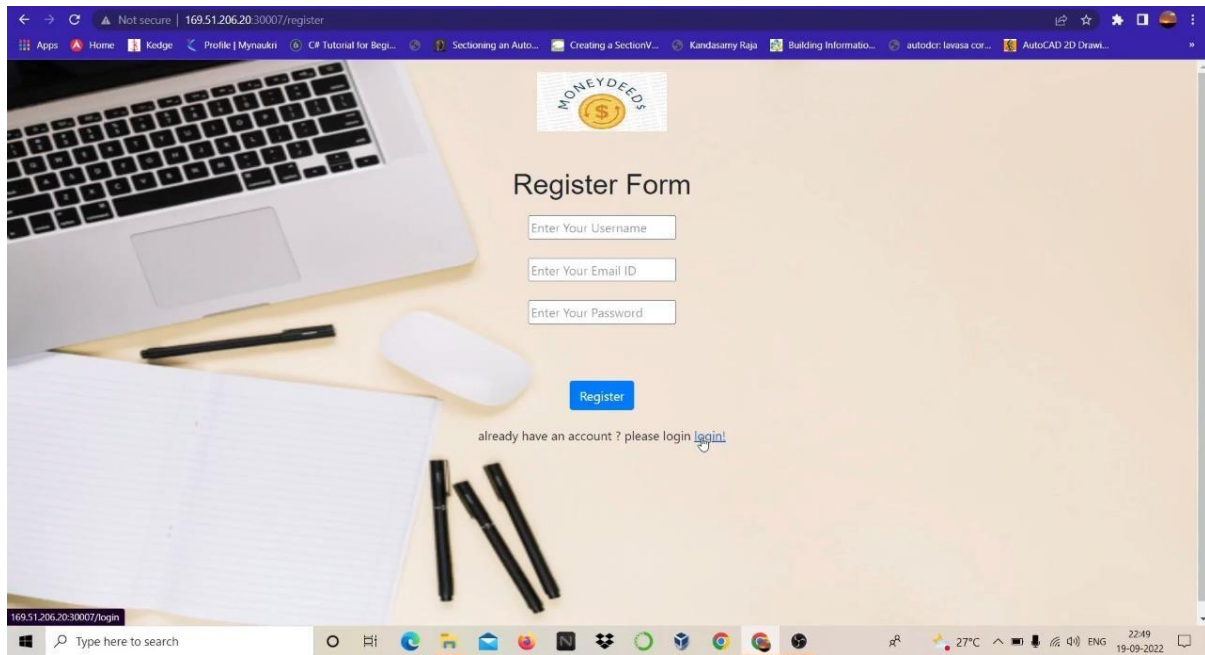
- Registration
- Login
- Dashboard

• Registration :

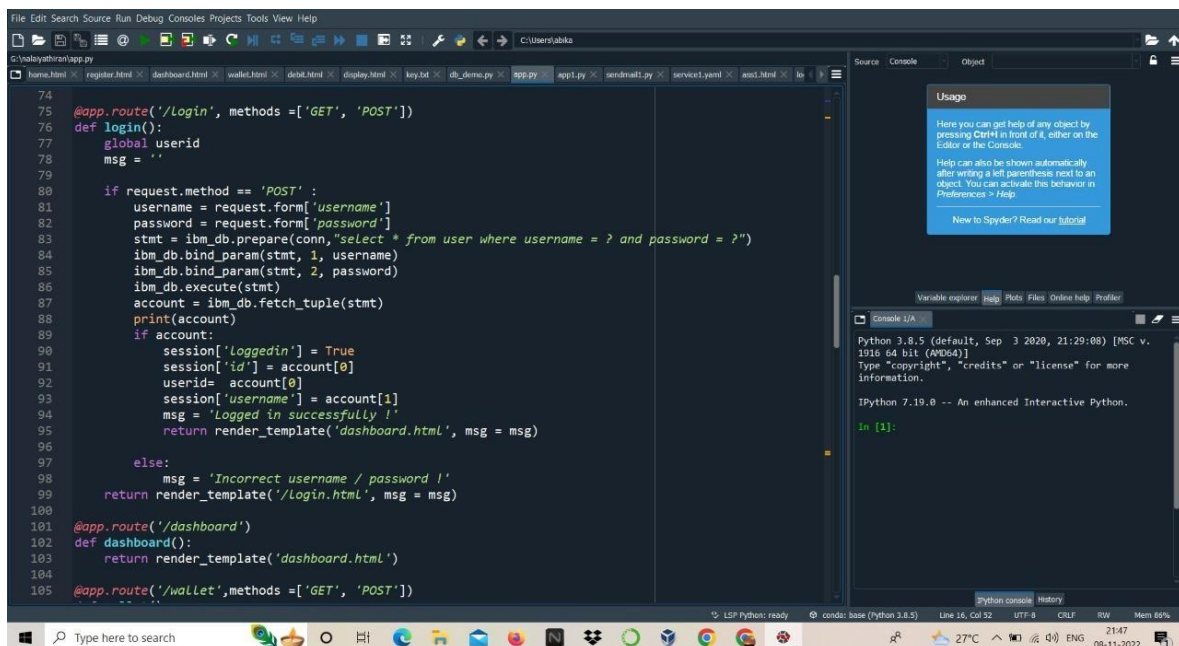


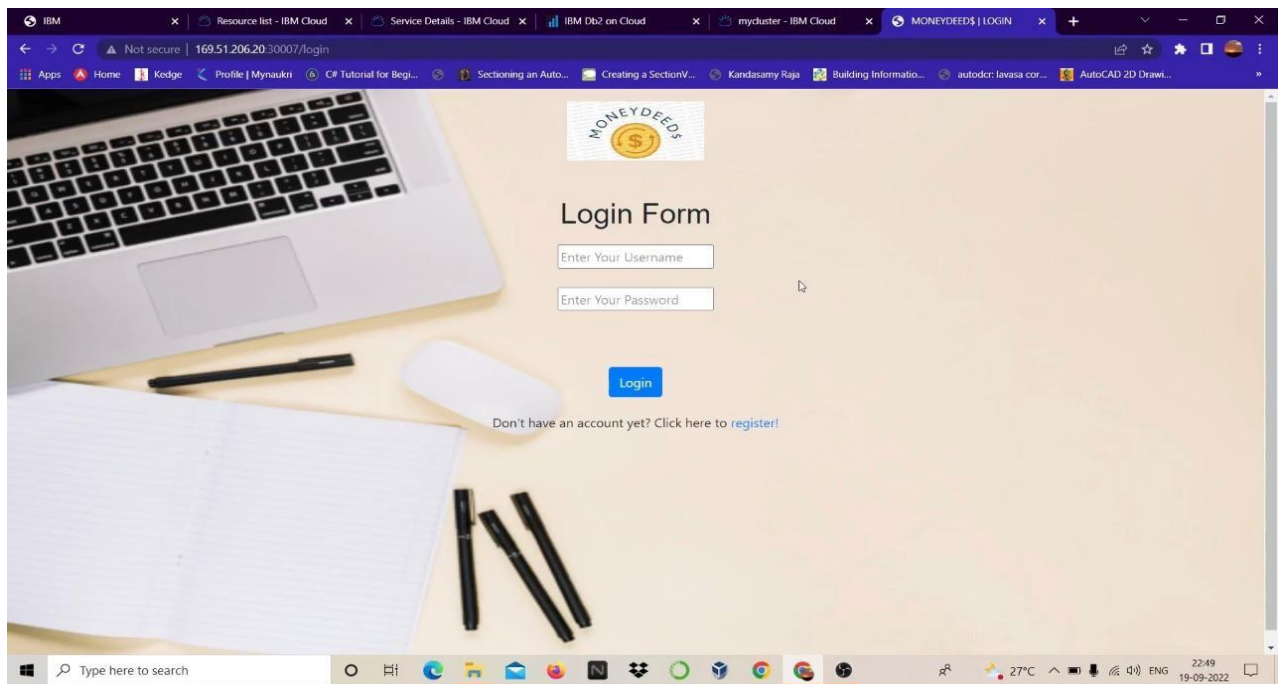
The screenshot shows a code editor with a Python Flask application. The code defines a `register` function that handles GET and POST requests. It checks if a user already exists, validates the email and password, and inserts a new user into the database if all checks pass. A success message is sent via email.

```
41 @app.route('/register', methods=['GET', 'POST'])
42 def register():
43     msg = ''
44     if request.method == 'POST':
45         username = request.form['username']
46         email = request.form['email']
47         password = request.form['password']
48
49         stmt = ibm_db.prepare(conn, "select * from user where username = ?")
50         ibm_db.bind_param(stmt, 1, username)
51         ibm_db.execute(stmt)
52         account = ibm_db.fetch_tuple(stmt)
53         print(account)
54         if account:
55             msg = 'Account already exists !'
56         elif not re.match(r'[*@]+[*@]+\.[*@]+', email):
57             msg = 'Invalid email address !'
58         elif not re.match(r'[A-Za-z0-9]+', username):
59             msg = 'name must contain only characters and numbers !'
60         else:
61             stmt = ibm_db.prepare(conn, "INSERT INTO user(username, password, email) VALUES(?, ?, ?)")
62             ibm_db.bind_param(stmt, 1, username)
63             ibm_db.bind_param(stmt, 2, password)
64             ibm_db.bind_param(stmt, 3, email)
65             ibm_db.execute(stmt)
66             msg = 'You have successfully registered !'
67             TEXT = "Hello " + username + ",\n\n" + """Thanks for registering at MONEYDEED$ """
68             sendgridmail(TEXT, email)
69         elif request.method == 'POST':
70             msg = 'Please fill out the form !'
71         return render_template('/register.html', msg = msg)
```



- Login





- Dashboard

