

# Project Development Phase

## AI-based discourse for Banking Industry

TEAM ID: PNT2022TMID48001

### TEAM MEMBERS

ROLE	TEAM MEMBERS NAME	ROLL NO
TEAM LEADER	DHANALAKSHMI.K	(912319104007)
TEAM MEMBER 1	SANGARA NARAYANI.S	(912319104031)
TEAM MEMBER 2	YAMINI.K	(912319104048)
TEAM MEMBER 3	JEEVITHA.M	(912319104016)

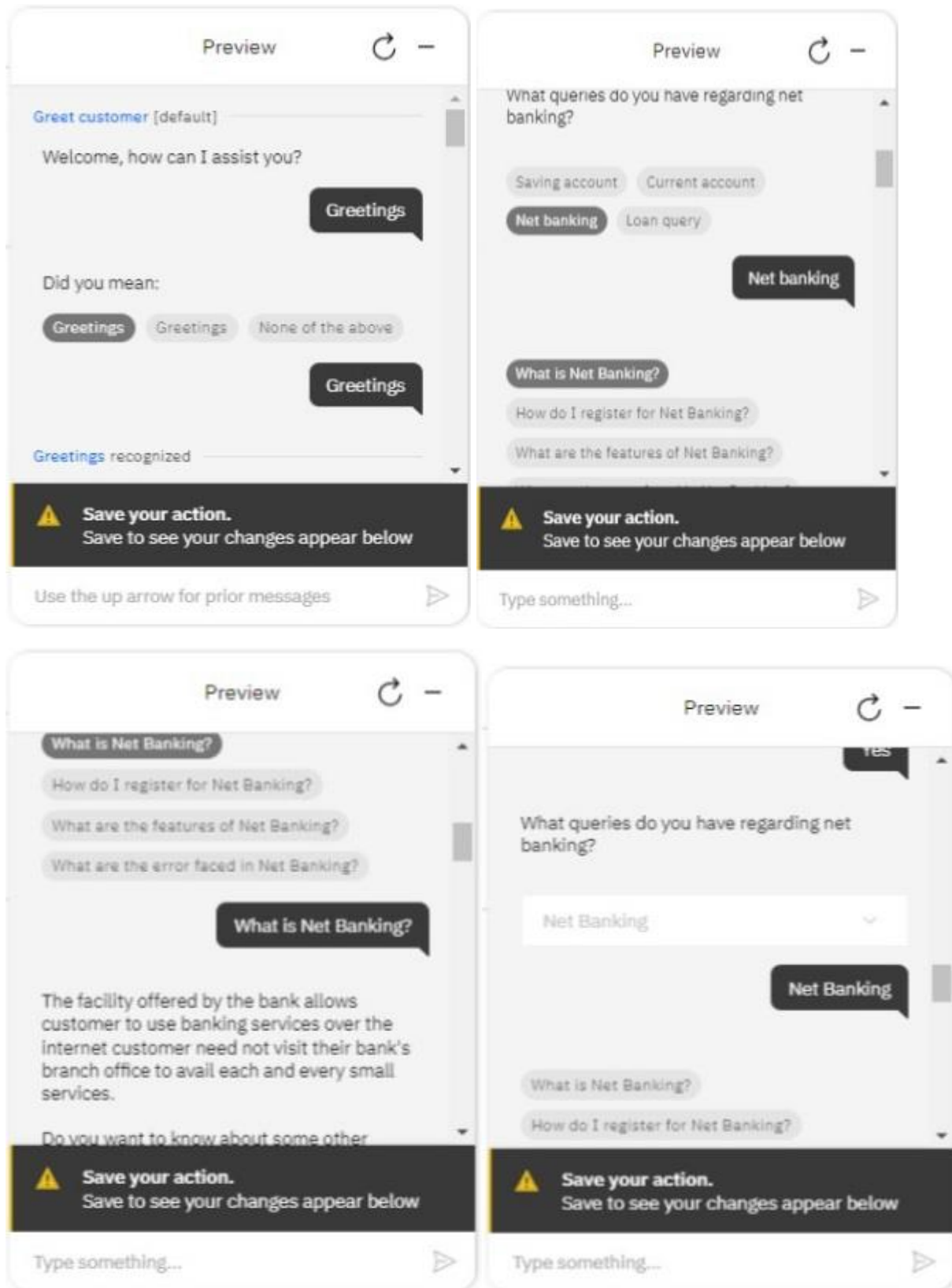
## Project Development - Delivery Of Sprint-4

Sprint	Functional Requirement (Epic)	User Story Number	Task	Story Points	Priority	Team Members
Sprint-3	Create a net bank action	USN- 8	As an admin, I can insert response to net banking queries.	5	High	Jeevitha Dhanalakshmi
Sprint-3	Integrate with flask web page	USN- 9	As an admin, I will integrate with flask Webpage using python code following the establishment of assistant.	5	High	Yamini dhanalakshmi
Sprint-3	Bot Preview	USN- 10	As an admin, I employee HTML code to design the front-end of the websites.	5	High	Sangara narayani yamini

### Delivery

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-3	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

# Net-Banking



Preview

How do I register for Net Banking?

What are the features of Net Banking?

What are the error faced in Net Banking?

How do I register for Net Banking?

Please download and fill up the Net Banking requisition form and submit it to your home branch

Do you want to know about some other services?

**Save your action.**  
Save to see your changes appear below

Use the up arrow for prior messages

Preview

What are the features of Net Banking?

What are the error faced in Net Banking?

What are the features of Net Banking?

1. Check the account statement online
2. Open a fixed deposit account
3. Pay utility bills such as water bills and electricity bills
4. Make merchant payment
5. Transfer funds

**Save your action.**  
Save to see your changes appear below

Type something...

Preview

Please contact the customer care Executives and approach the closest branches

Do you want to know about some other services?

Yes

No

No

Action complete

Greetings ended

**Save your action.**  
Save to see your changes appear below

Use the up arrow for prior messages

# BUILD PYTHON CODE

**Task assigned:** Yamini, dhanalakshmi

**Task started on:** 14 - 11 - 2022

**Task completion date:** 14 - 11 - 2022

## Progress 1: Importing Libraries

The first step is usually importing the libraries that will be needed in the program.

```
from flask import Flask, render_template
```

Importing the flask module into the project is mandatory. An object of the Flask class is our WSGI application. The Flask constructor takes the name of the current module (`__name__`).

## Progress 2: Creating our flask application and loading g

```
app = Flask(__name__)
```

## Progress 3: Routing to the Html Page

Here, the declared constructor is used to route to the HTML page created earlier.

The `'/'` route is bound with the `bot` function. Hence, when the home page of a web server is opened in the browser, the HTML page will be rendered.

```
@app.route('/')  
def bot():  
    return render_template('chatbot.html')
```

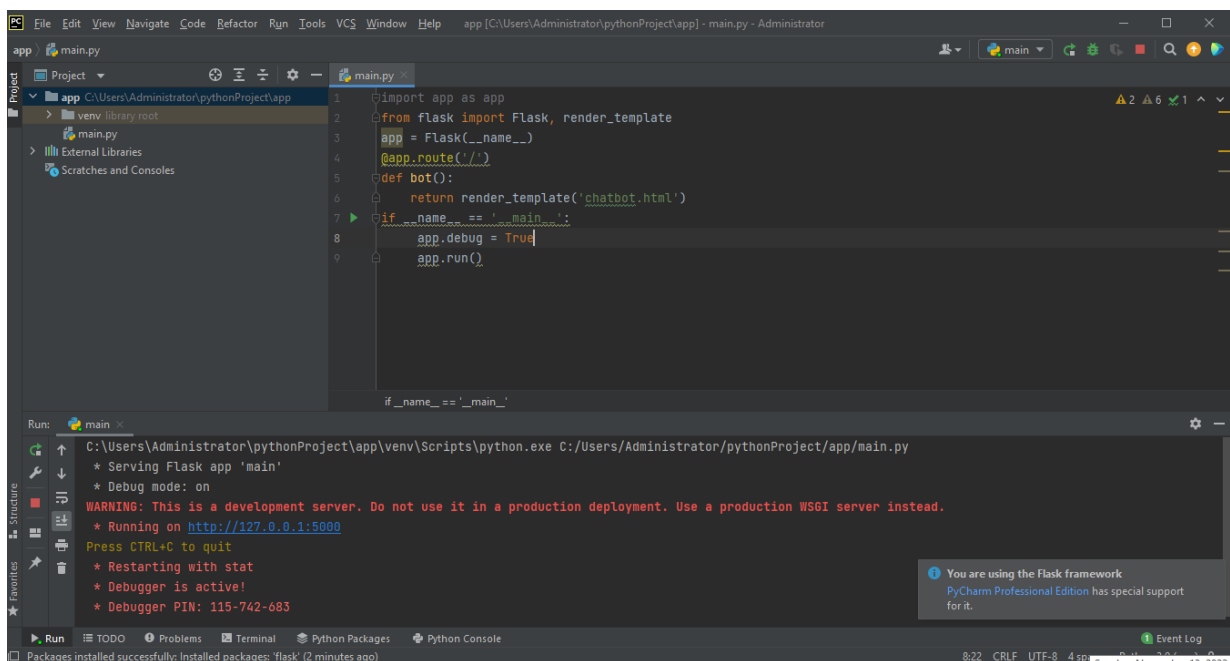
## Progress 4: Main Function

This is used to run the application in local host.

```
7  if __name__ == '__main__':  
8      app.debug = True  
9      app.run()
```

## RUN THE APPLICATION

Run the python flask file. It will show the local host where your app is running on <http://127.0.0.1:5000/>



The screenshot shows the PyCharm IDE with the following components:

- Project View:** Shows the project structure with 'app' as the root, containing 'venv', 'library root', 'main.py', 'External Libraries', and 'Scratches and Consoles'.
- Code Editor:** Displays the code for 'main.py' with the following content:

```
1 from flask import Flask, render_template  
2 app = Flask(__name__)  
3 @app.route('/')  
4 def bot():  
5     return render_template('chatbot.html')  
6  
7 if __name__ == '__main__':  
8     app.debug = True  
9     app.run()
```
- Run Console:** Shows the output of running the application:

```
C:\Users\Administrator\pythonProject\app\venv\Scripts\python.exe C:/Users/Administrator/pythonProject/app/main.py  
* Serving Flask app 'main'  
* Debug mode: on  
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.  
* Running on http://127.0.0.1:5000  
Press CTRL+C to quit  
* Restarting with stat  
* Debugger is active!  
* Debugger PIN: 115-742-683
```
- Notification:** A message at the bottom right states: "You are using the Flask framework. PyCharm Professional Edition has special support for it."
- Status Bar:** Shows the current file is 'main.py', encoding is 'UTF-8', and the date is 'Sunday, November 13, 2022'.

## Building HTML code

We have used HTML to create the front-end part of the web page. Here, we have created “chatbot.html” displays the home page which gets integrated with Waston Assistant.

