

Project Development Phase

Sprint-4

Date	14 November 2022
Team ID	PNT2022TMID45306
Project Name	AI BASED DISCOURSE FOR BANKING INDUSTRY

Screenshots Of Sprint 4 Tasks:

Creating Assistant & Integrate With Flask Web Page

You will be creating a banking bot in this activity that has the following capabilities

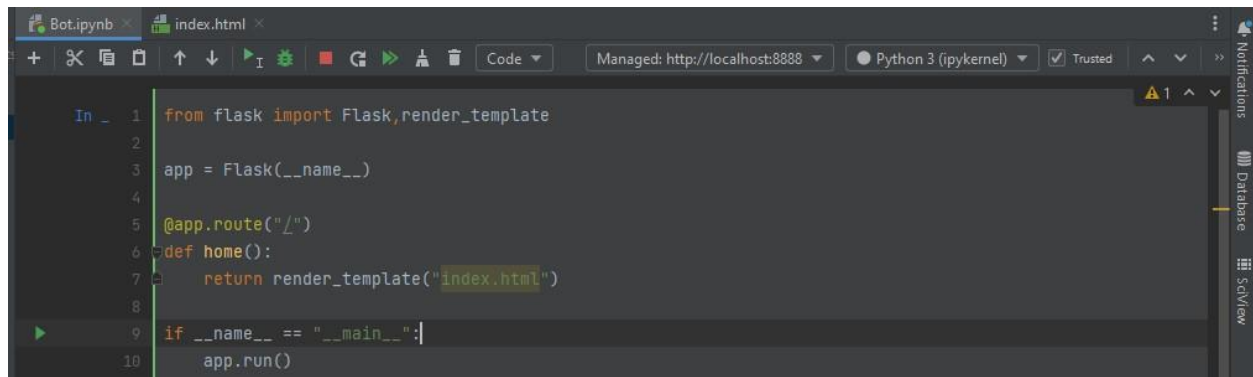
1. The Bot should be able to guide a customer to create a bank account.
2. The Bot should be able to answer loan queries.
3. The Bot should be able to answer general banking queries.
4. The Bot should be able to answer queries regarding net banking.
5. With the help of this bot, you can get all the required details related to banking.

Let us build our flask application which will be running in our local browser with a user interface.

In the flask application, users will interact with the chatbot, and based on the user queries they will get the outcomes.

Building Python Code(using Flask Frame Work):

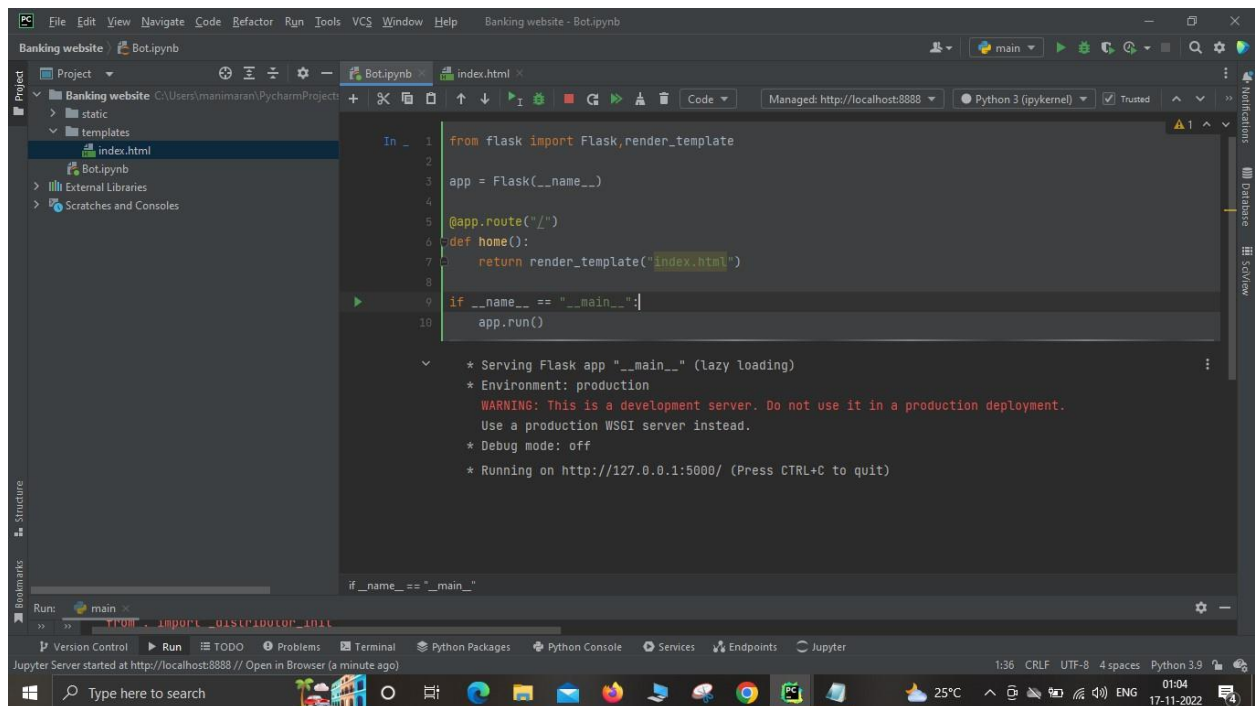
Run the application:

A screenshot of a Jupyter Notebook interface. The top bar shows the file name 'Bot.ipynb' and the current cell's content type 'index.html'. Below the toolbar, the code is written in Python. It imports Flask and render_template, creates a Flask app, defines a home route that renders 'index.html', and includes a main block to run the app. The code is as follows:

```
In _ 1 from flask import Flask,render_template
2
3 app = Flask(__name__)
4
5 @app.route("/")
6 def home():
7     return render_template("index.html")
8
9 if __name__ == "__main__":
10     app.run()
```

- Open the anaconda prompt from the start menu.
- Navigate to the folder where your app.py resides.
- Now type the python “Bot.ipynp” command.
- It will show the local host where your app is running on <http://127.0.0.1:5000/>• Copy that localhost URL and open that URL in the browser. It does navigate me to where you can view your web page

Then it will run on localhost:5000



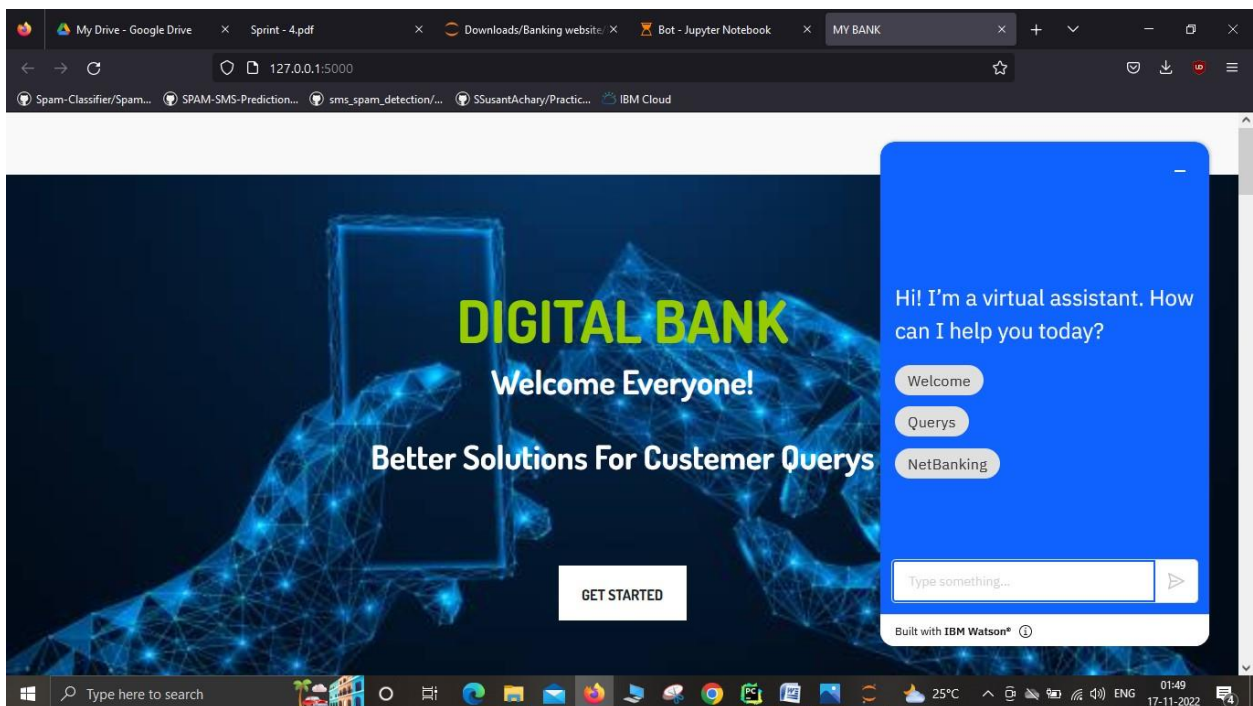
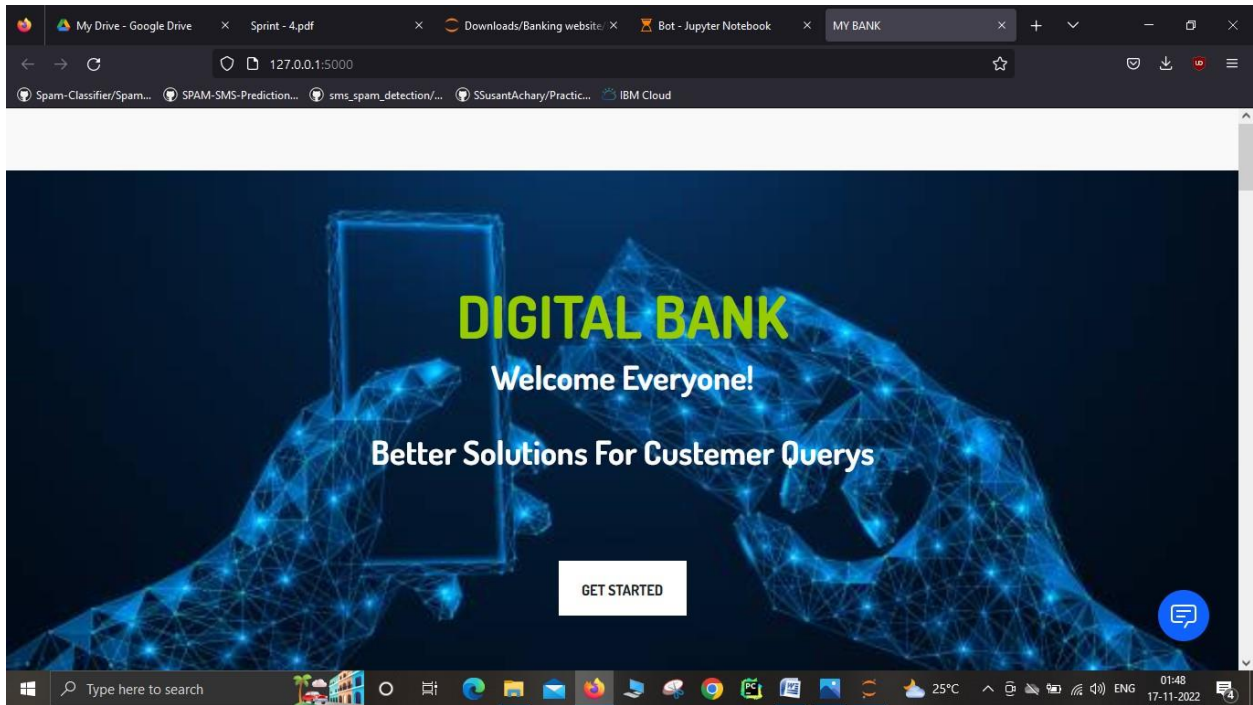
The screenshot shows the PyCharm IDE interface. The main editor displays a Python script for a Flask application. The script imports Flask and render_template, creates an app, defines a home route, and runs the app. The output console shows the Flask server starting on http://127.0.0.1:5000/.

```
In _ 1 from flask import Flask,render_template
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3 app = Flask(__name__)
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5 @app.route("/")
6 def home():
7     return render_template("index.html")
8
9 if __name__ == "__main__":
10     app.run()
```

Output:

```
* Serving Flask app "__main__" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```



The bottom status bar indicates the Jupyter Server is started at http://localhost:8888/.



MY BANK

127.0.0.1:5000

Spam-Classifiers/Spam... SPAM-SMS-Prediction... sms_spam_detection/... SSusantAchary/Practic... IBM Cloud



ABOUT US

They provide services such as accounts, current accounts, s... overdraft protection, etc. .

Banks lend money by making customers on current account installment loans, and by inve... marketable debt securities an... money lending.

Watson Assistant

Some banks **charge monthly fees** to maintain your account. In many cases, though, they waive those fees based on certain conditions, such as regular payroll direct deposits, or maintaining a certain balance in your account.

NetBanking

What can be done with net banking?

Netbanking to Transfer Funds.

How do you Netbanking to Pay Bills.

Netbanking to Apply for Loans.

What details we need for net banking?

Type something...

Built with IBM Watson®

Type here to search

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