ProjectDevelopmentPhase
DeliveryofSprint- 4

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ProjectName	AI-based discourse for Banking Industry

Creating Assistant & Integrate With Flask WebPage

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 netbanking.
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 willgettheoutcomes.

Build PythonCode

1:ImportingLibraries

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.Flask constructor takes the name of the current module(name).

2 . Creating our flask application and loading

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

3. Routing to the HtmlPage

Here,the declared construct or isused to route to the HTMLpagecreated earlier.

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

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

Main Function
This is used to run the application in localhost.

```python
if __name__ == '__main__':
    app.run()
```

Build HTMLCode

- We use HTML to create the front-endpart of the webpage.
- Here, we have created 1 HTMLpage-Chatbot.html
- Chatbot.html displays the home pagewhich integrates with Watson Assistant.
- A simple HTML page is created.Auto-generated source code from IBMWatson Assistants is copied and pasted inside the body tag

Run The Application

Run the application

- Open the anacondaprompt from the start menu.
- Navigate to the folder where your app.pyresides.
- Now type the"pythonapp.py"command.
- It will show the localhost 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 yourwebpage.

BANKING INDUSTRY

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Account

General Queries

Card Services

Banking Bot

Savings Account

That's nice! What kind of savings account do you wish to create?

Select an option ⌄

Chat session inactive. Send any message to continue. If you refresh the page now, you'll have to start a new conversation.

loan

| Here you go!

Apply for a Loan   Loan Queries   Updates

Type something...

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Account

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Card Services

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Suggestions ⌄ ✕

Send one of these messages

Loan Updates - House Loan Updates

General Queries - Storage Locker Facility

View related content

I couldn't find anything to share with you that's related to the current conversation.

Get help another way

Connect to agent

People are also interested in

Guide to Create an Account   General Queries

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