Project Development Phase

AI-based discourse for Banking Industry

TEAM ID: PNT2022TMID39294

TEAM MEMBERS

ROLE	TEAM MEMBERS NAME	ROLL NO
TEAM LEADER	JAGATHESWARAN .S	(422619104018)
TEAM MEMBER 1	DWARAGA. R.V	(422619104011)
TEAM MEMBER 2	JOSEPH VIKRAM. R	(422619104019)
TEAM MEMBER 3	DHIVYA .S	(422619104009)

Project Development - Delivery Of Sprint-4

Sprint	Functional Requirement (Epic)	User Story Number	Task	Story Points	Priority	Team Members
Sprint-4	Chatbot Deployment (HTML Website)	USN- 8	Build HTML Code	7	Medium	DHIVYA S
Sprint-4	Chatbot Deployment (Python Flask)	USN- 9	Build Python Code	7	Low	JOSEPH VIKRAM R
Sprint-4	Run the Application	USN- 10	Test the application	6	Medium	JOSEPH VIKRAM R

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-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Hardware / Software requirements

Hardware:

Processor: Intel Pentium

Ram: 512 MB

Storage: 256 MB

Software:

IBM Watson Assistant, Browser

BUILD HTML CODE

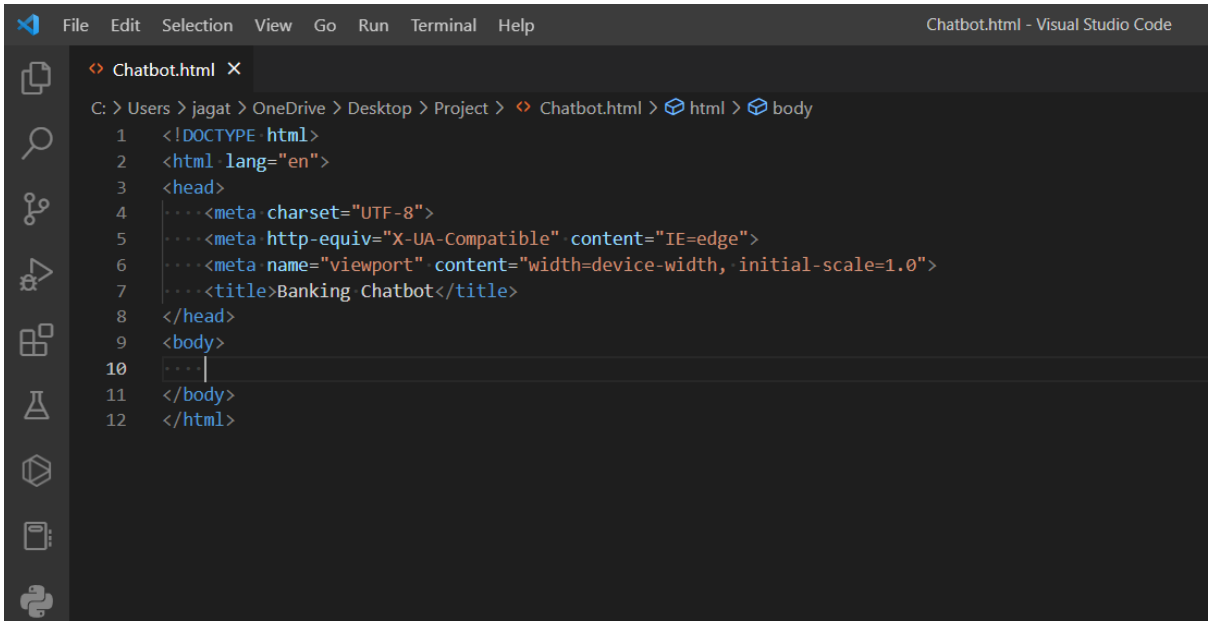
Task assigned: Dhivya .S

Task started on: 14 - 11 - 2022

Task completion date: 14 - 11 - 2022

Progress 1: Building basic HTML structure code

In this step, we create the fundamental framework for the HTML code.

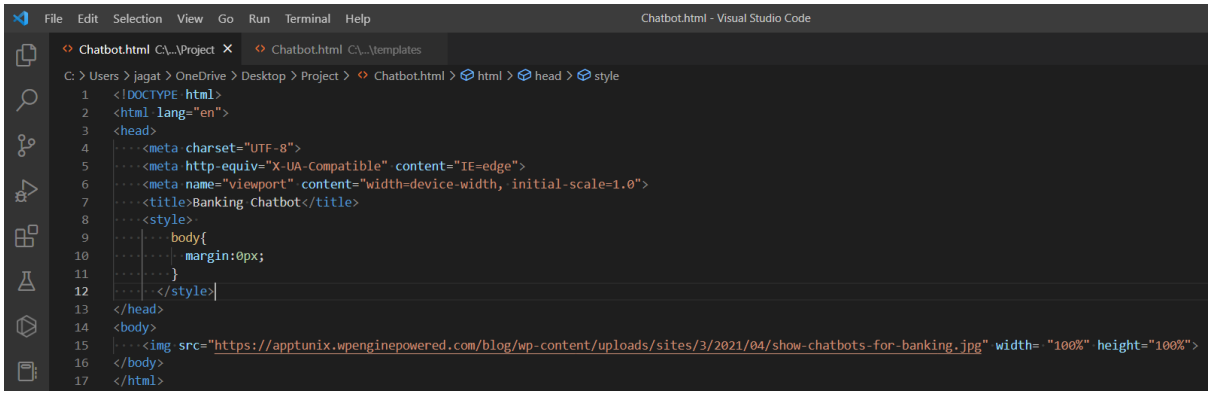


Progress 2: Adding background image using URL

This step involves using a URL to add the background image for the Home page.

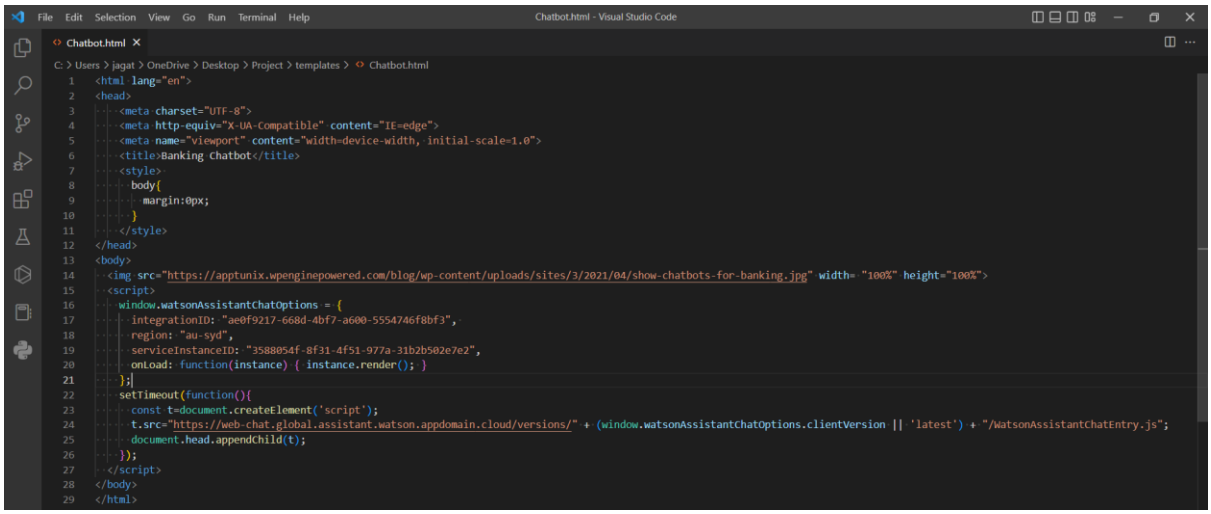
Progress 3: Adding CSS to the image

For picture repositioning in this stage, we're using CSS.



Progress 4: Plug-in Watson assistant in HTML website

Using JavaScript, we are integrating Watson Assistant in this stage.



BUILD PYTHON CODE

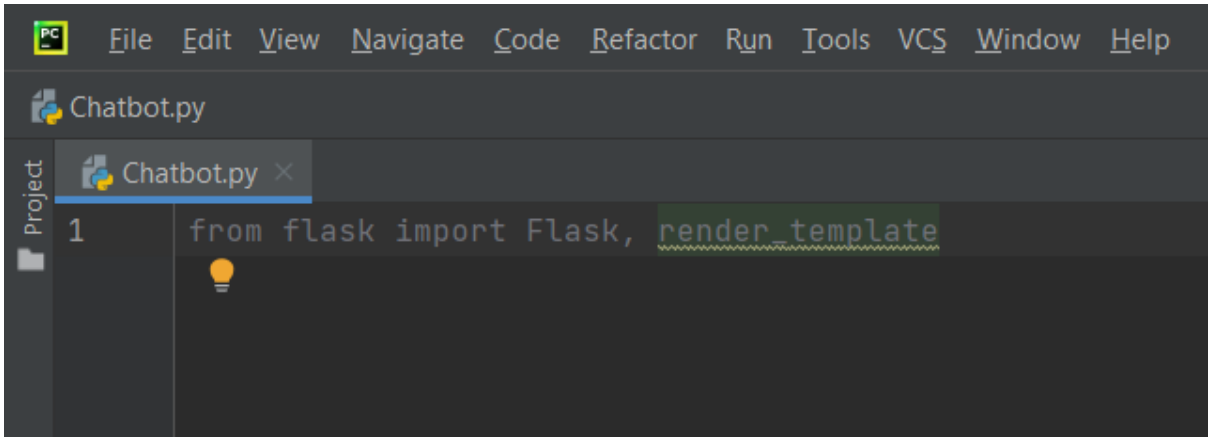
Task assigned: Joseph Vikram. R

Task started on: 14 - 11 - 2022

Task completion date: 14 - 11 - 2022

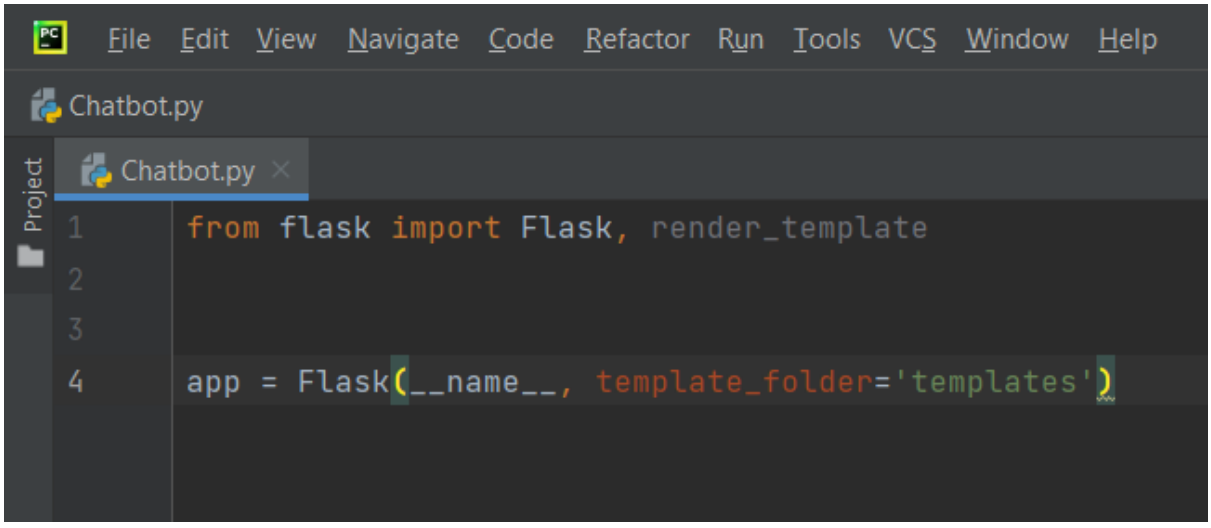
Progress 1: Importing Libraries

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



Progress 2: Creating our flask application and loading

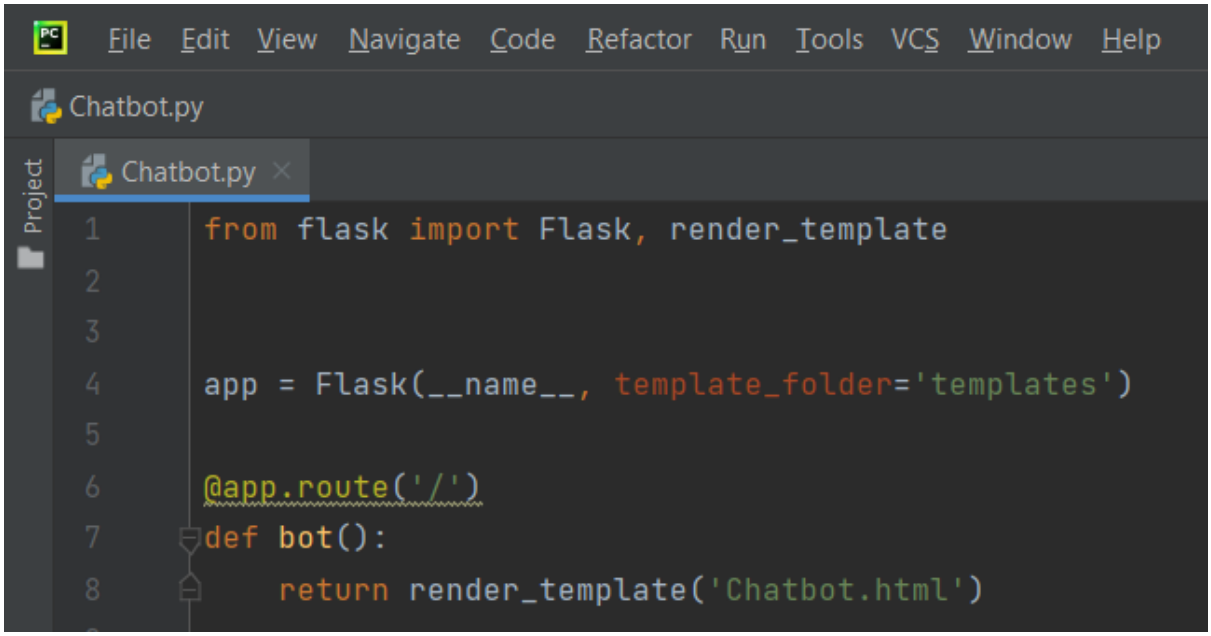
Importing the flask module into the project is mandatory. An object of the Flask class is our WSGI application. The Flask constructor takes the name of the current module (__name__).



Progress 3: Routing to the Html Page

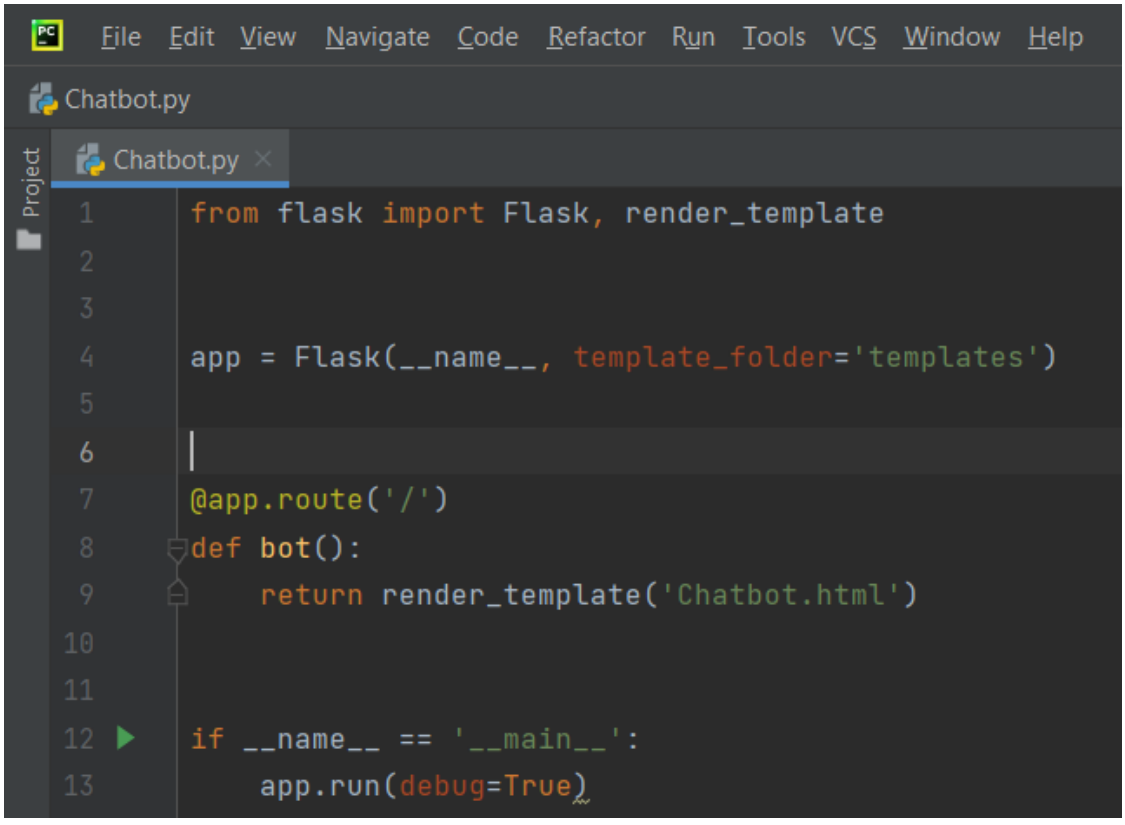
Here, the declared constructor is used to route to the HTML page created earlier.

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.



Progress 4: Main Function

This is used to run the application in localhost.



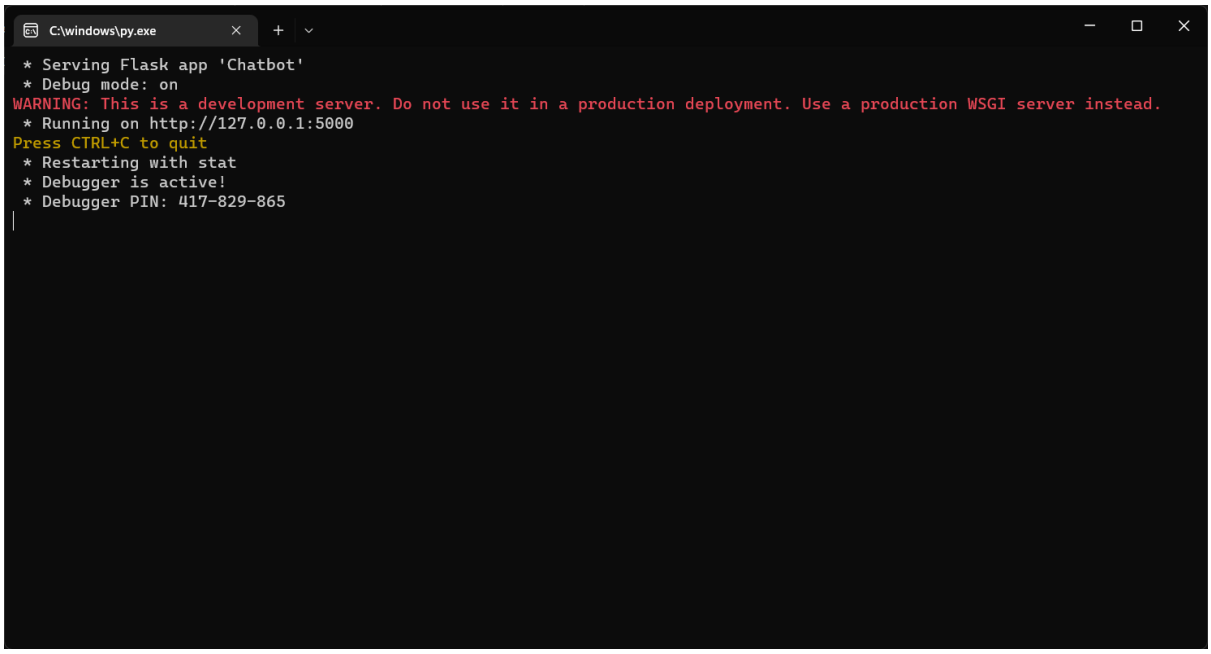
RUN THE APPLICATION

Task assigned: Joseph Vikram. R

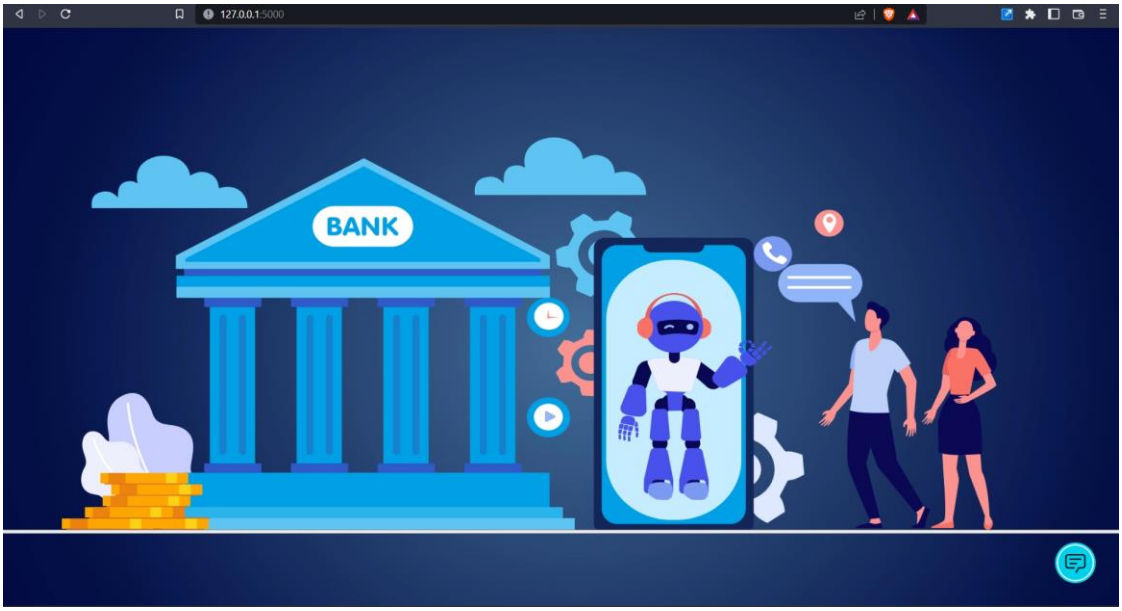
Task started on: 14 - 11 - 2022

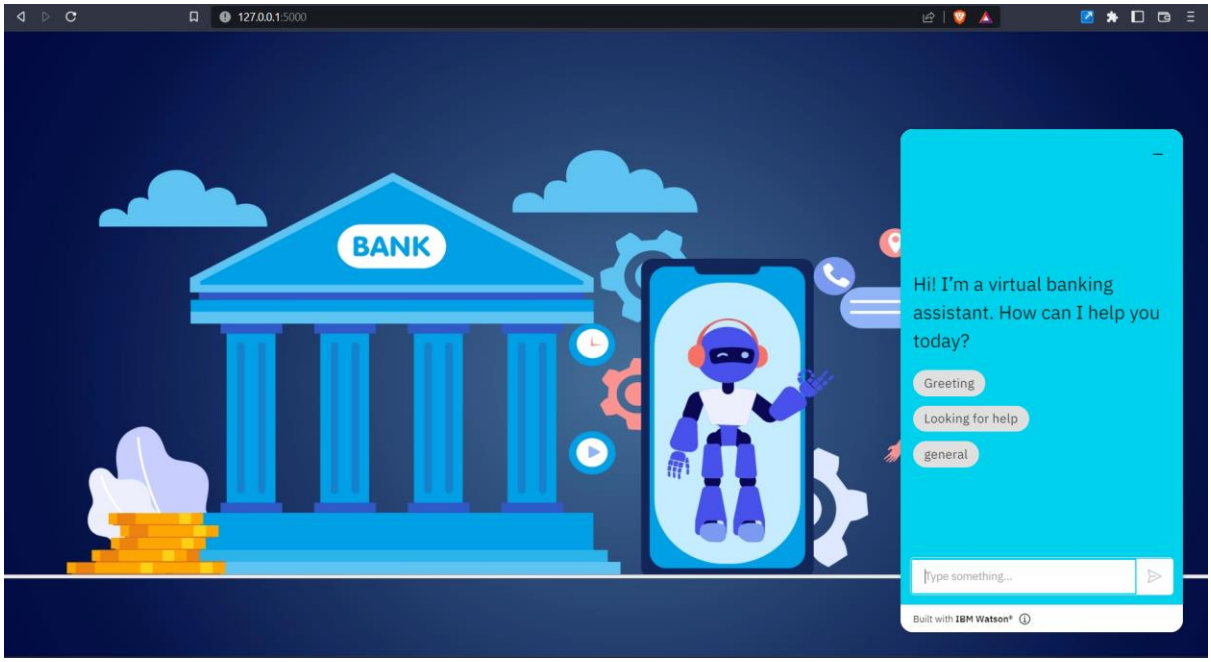
Task completion date: 14 - 11 - 2022

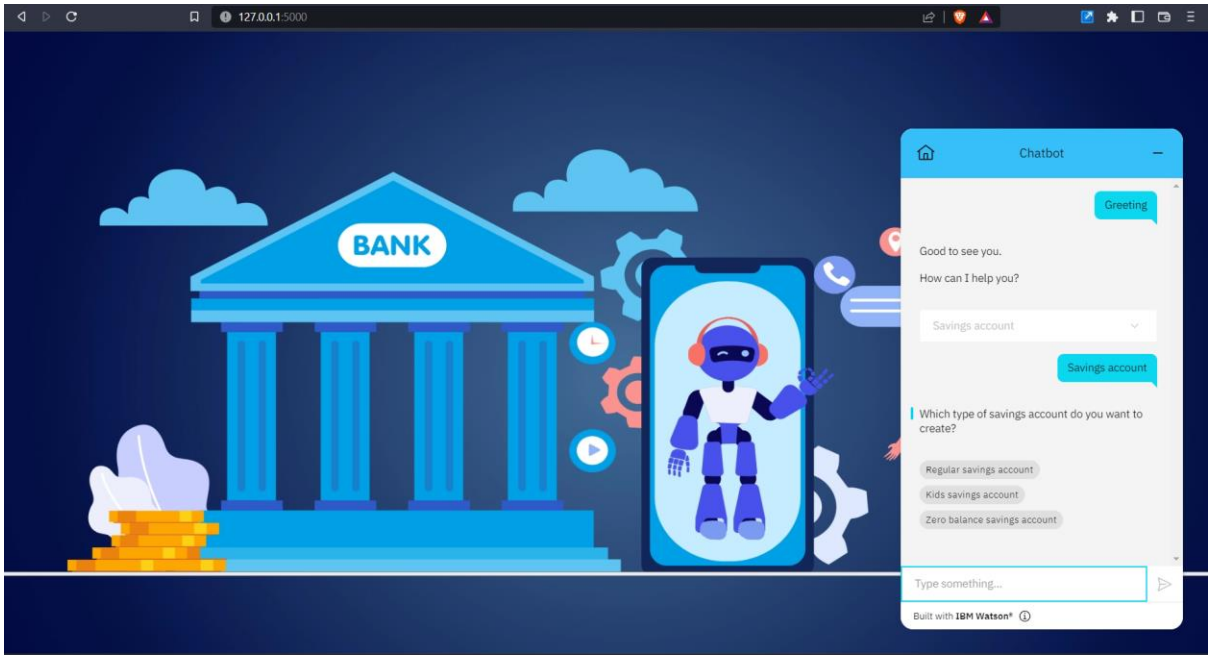
Progress 1: Run the python flask file. It will show the local host where your app is running on http://127.0.0.1.5000/



Progress 2: Copy that localhost URL and open that URL in the browser. and open Watson's assistant chatbot.

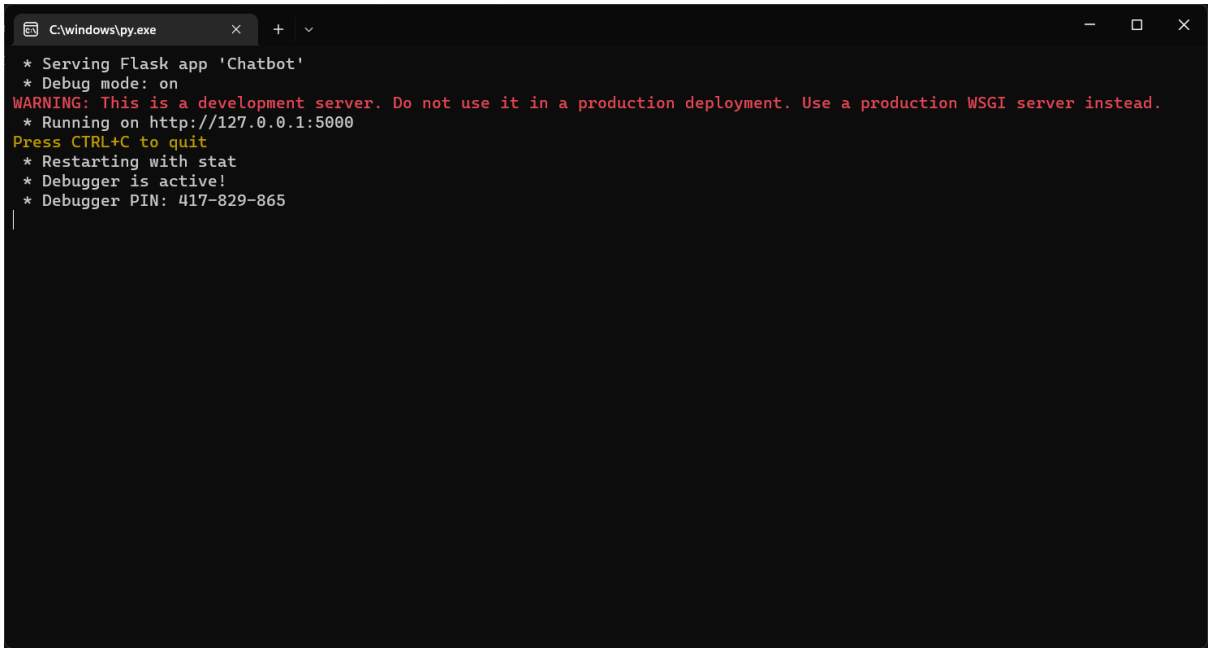



127.0.0.1:5000
BANK
Hi! I'm a virtual banking assistant. How can I help you today?
Greeting
Looking for help
general
Type something...
Built with IBM Watson®


127.0.0.1:5000
BANK
Chatbot
Greeting
Good to see you.
How can I help you?
Savings account
Savings account
Which type of savings account do you want to create?
Regular savings account
Kids savings account
Zero balance savings account
Type something...
Built with IBM Watson®

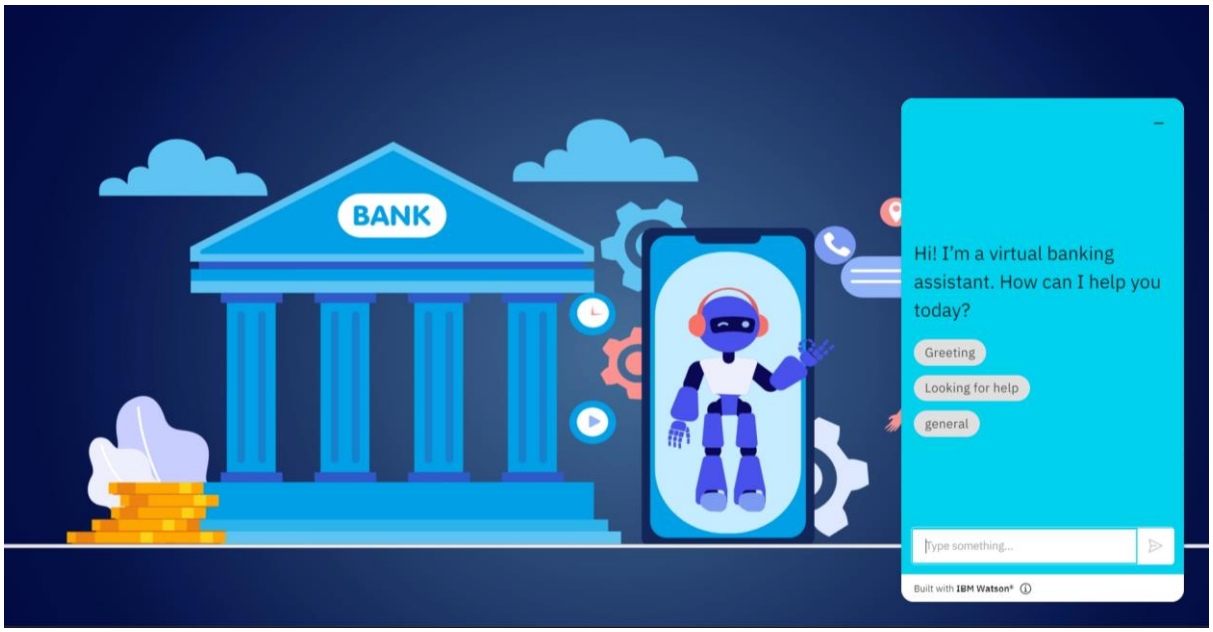
Testing the chat

Testing 1: Python Testing



Test result: passed

Testing 2: HTML Testing



Test result: passed

Jira report:

Projects / AI Based Discourse For Banking Industry / Reports

Sprint burndown chart

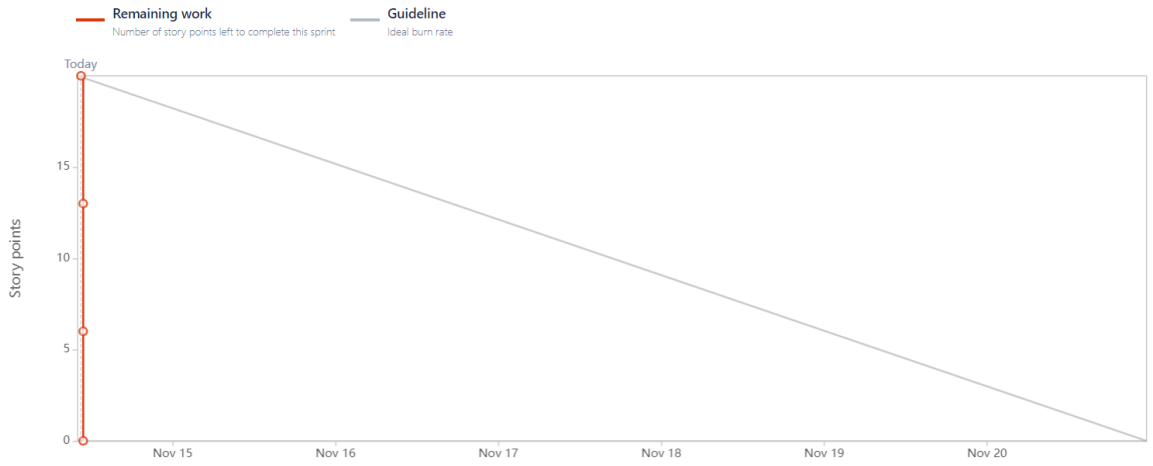
How to read this report

Sprint: ABDFBI Sprint 4

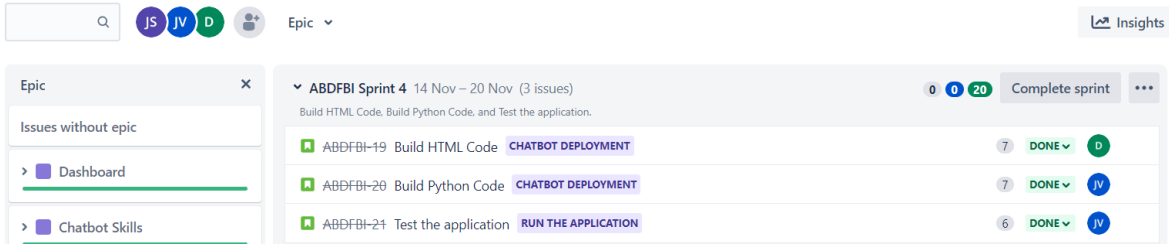
Estimation field: Story points

Date - November 14th, 2022 - November 20th, 2022

Sprint goal - Build HTML Code, Build Python Code, and Test the application.

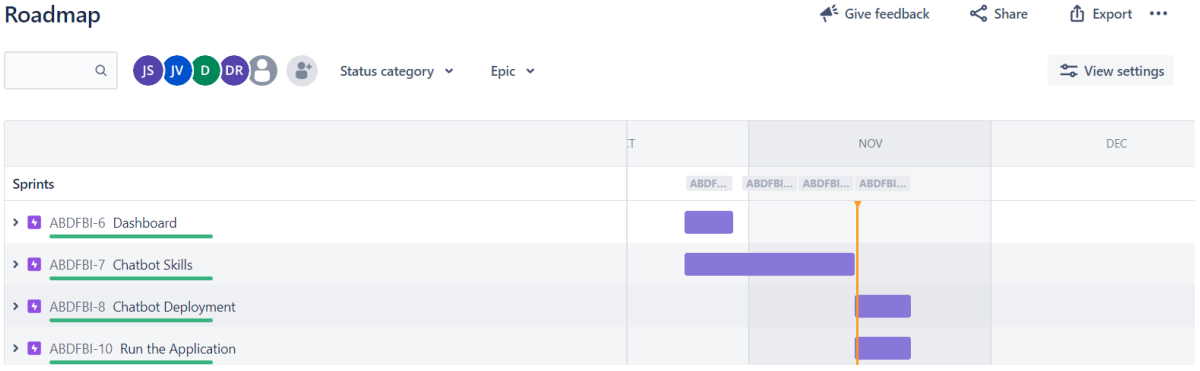


Backlog



Projects / AI Based Discourse For Banking Industry

Roadmap



Velocity report

› How to read this report