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CREATE A CHATBOT IN PYTHON

PHASE_4

SUBMISSION DOCUMENTS

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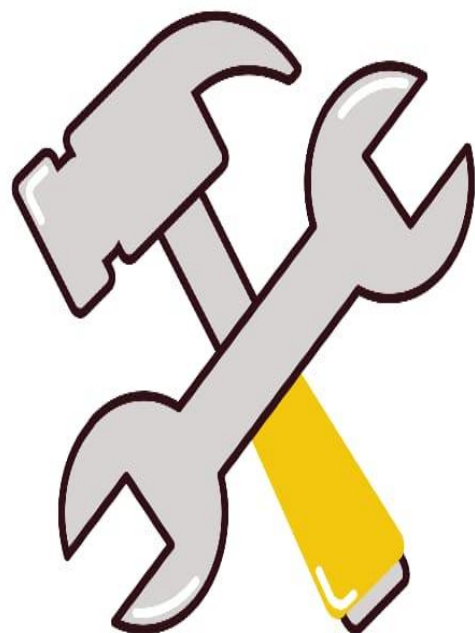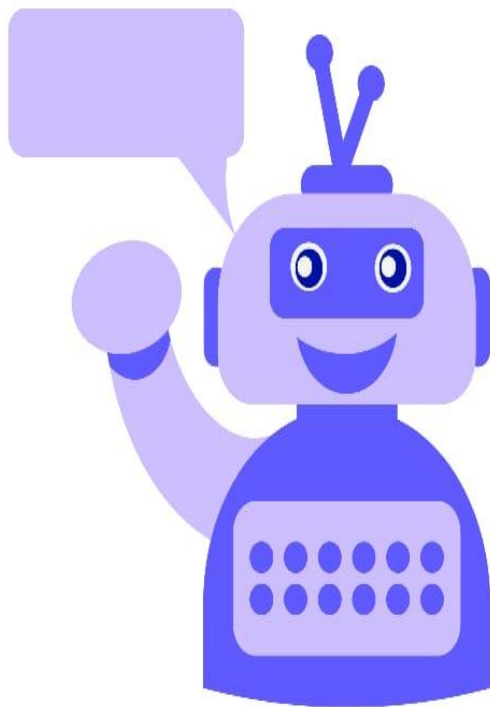**College   : Park college of engineering and technology**

CREATE A CHATBOT IN PYTHON

Introduction:

In this part you will continue Building the project

It continue Building the chatbot by integrating it into a web app using flask

Building a Chatbot

Building the chatbot by integrating it into a web app using flask:

Integrating a chatbot into a web app using Flask is a great idea! Here's a high-level overview of the steps you can follow to achieve this:

Create a Flask Web App: Create a new Flask web app by defining routes and views. You can set up a basic web page where the chatbot will be embedded.

Choose a Chatbot Platform: Decide on the chatbot platform you want to use. You can use pre-built chatbot services like Dialogflow, Wit.ai, or build a custom chatbot using libraries like ChatterBot or Rasa.

Integrate the Chatbot: For a simple integration, you can embed the chatbot as a chat interface within an HTML template. Use JavaScript to handle user interactions and send/receive messages from the chatbot.

Handle User Input: In your Flask app, create a route or endpoint to handle user input sent from the chat interface. Parse the user's message and send it to the chatbot for processing.

Chatbot Responses: Once the chatbot processes the user's message, it will generate a response. Send the response back to the web page and display it in the chat interface.

User Authentication (Optional): If your web app requires user authentication, make sure to implement it so that the chatbot can provide personalized responses based on the user's identity.

Styling and Customization: Customize the appearance and behavior of the chat interface to match your web app's design.

Testing and Deployment: Test the integration thoroughly and then deploy your Flask web app to a hosting service like Heroku or AWS.

Continuous Improvement: Continuously improve your chatbot's capabilities and responses based on user feedback and usage analytics.

PROGRAM:

```
Print("Hello, I'm a Chatbot \n")

User_Name =  input("What is your name? ")

Print("How are you {0}.
\n".format(User_Name))


User_Age = input("What is your age? ")

Print("Oh, so your age is {0}.
\n".format(User_Age))


User_Job = input("What is your job profile? ")

Print("So you're a  {0}. \n".format(User_Job))
```

OUTPUT:

Hello, I'm a Chatbot

What is your name? pythonscholar

How are you pythonscholar.

What is your age? 26

Oh, so your age is 26.

What is your job profile? Python developer

So you're a python developer.

CONCLUSION:

➢ This following projects contains the it continues building the chatbot by integrating it into a web app using flask

➢ It conclude the project with the create a chatbot in python

THANK YOU!