

Project(Task) :- 1

AI chatbot development

With the use of botpress Creating virtual agents that can handle customer inquiries, provide support, or engage users in conversations. These chatbots leverage Natural Language Processing (NLP) to understand and respond to user input in a human-like manner. Chatbots can be deployed on various platforms, including websites, messaging apps, and social media, making them highly accessible.

Steps to Create a Basic Chatbot Using Botpress

1. Log In

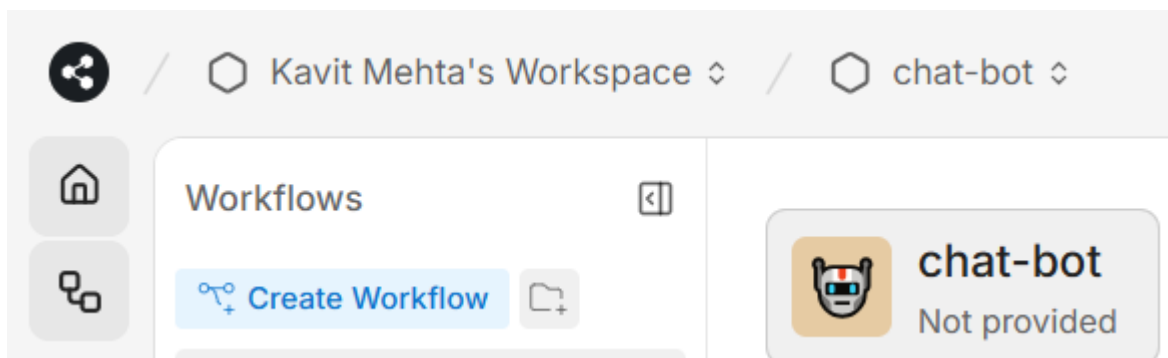
- Access your Botpress account on the official website.

2. Create a Bot

- Click **Create New Bot** and choose a name and language.
- Select a template like *Customer Service* or *Sales Agent* for functionality.

3. Set Up Nodes

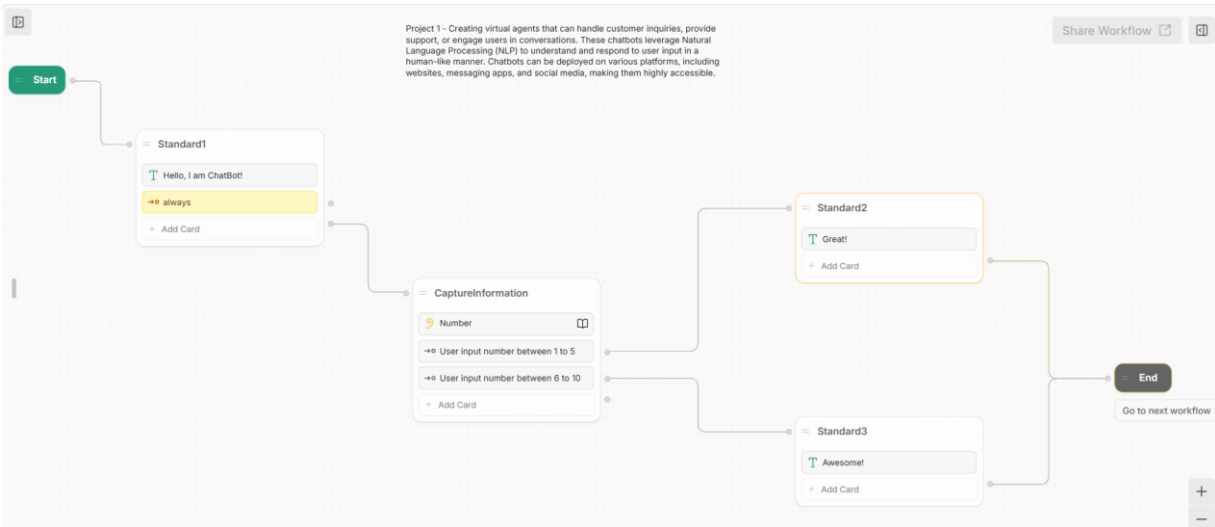
- Go to the **Workflow** section.
- Delete default nodes and create new ones.



- Name each node (e.g., *Greeting*, *Product Info*).
- Add text messages to guide interactions.

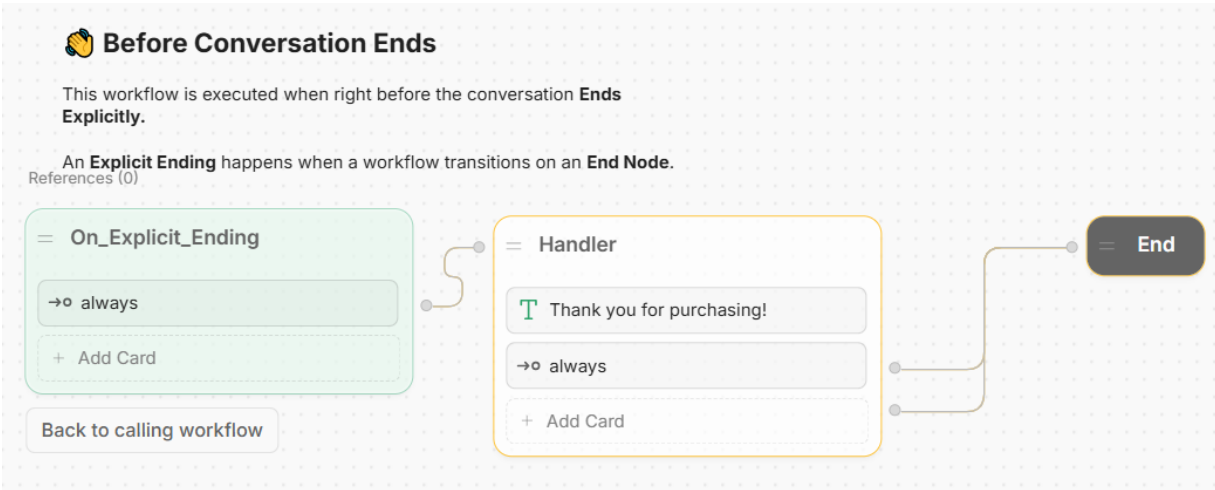
4. Add Interactions

- Use cards for product options or input fields for user selections.
- Define transitions between nodes for smooth conversation flow.



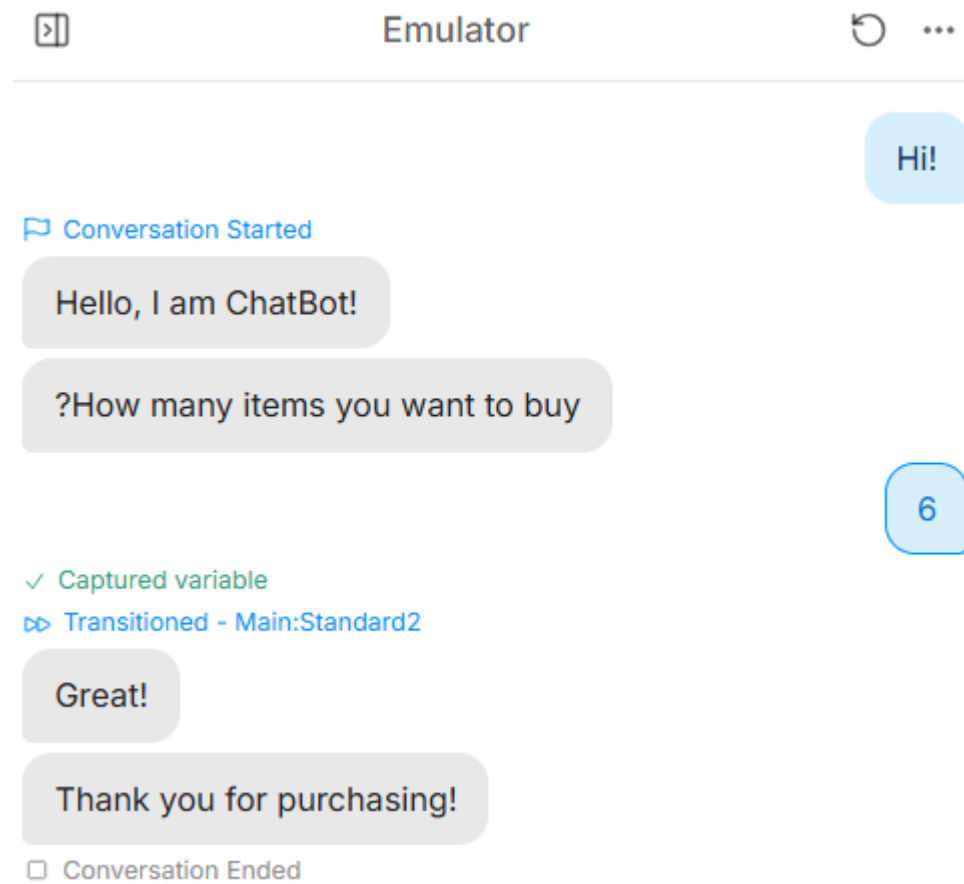
5. Customize Responses

- Add feedback messages like *"Thank you for purchasing!"* to enhance user experience.



6. Test the Bot

- Use the **Emulator** to simulate user interactions and verify functionality.



7. Publish the Bot

- Deploy the chatbot on your website or messaging platforms for live use.

<https://cdn.botpress.cloud/webchat/v2.2/shareable.html?configUrl=https://files.bpcontent.cloud/2024/12/09/17/20241209173602-XAZYXFFM.json>

The screenshot displays the Botpress Studio interface. The main workspace shows a workflow titled "Before Conversation Ends". This workflow is triggered by the "On_Explicit_Ending" node, which contains an "always" condition and an "Add Card" action. This leads to a "Handler" node, which also contains an "always" condition and an "Add Card" action. The "Add Card" action in the handler is configured with the text "Thank you for purchasing!". The workflow concludes with an "End" node. A "Back to calling workflow" link is visible below the "On_Explicit_Ending" node.

On the right side, a "Publish" modal is open, indicating that the bot is live and ready to interact with users. It provides a "Shareable link" for testing the bot in the Botpress Webchat, which is <https://cdn.botpress.cloud/webchat/v2.2/shareable.html?configUrl=https://files.bpcontent.cloud/2024/12/09/17/20241209173602-XAZYXFFM.json>. The modal also states that the bot is published on Webchat.

At the bottom right, there are two notification banners: "Bot published successfully!" and "A new version was created." with a "View" button.

✓ Your bot is live and ready to interact with users!

Shareable link

Share this link to quickly test your bot in the Botpress Webchat [Know more](#)

https://cdn.botpress.cloud/webcha...

Your bot is published on

Webchat

Close

Output:

cdn.botpress.cloud/webchat/v2.2/shareable.html?configUrl=https://files.bpcontent.cloud/2024/12/09/17/20241209173602-XAZYXFFM.json

Share

Today

B

Hello, I am ChatBot!

B

How many items you want to buy?

B

Great!

B

Thank you for purchasing!

Hi

3

Type your message...

by Botpress