



FlowX
chatbot builder

Amjad Kayed
Izzat Alshareef

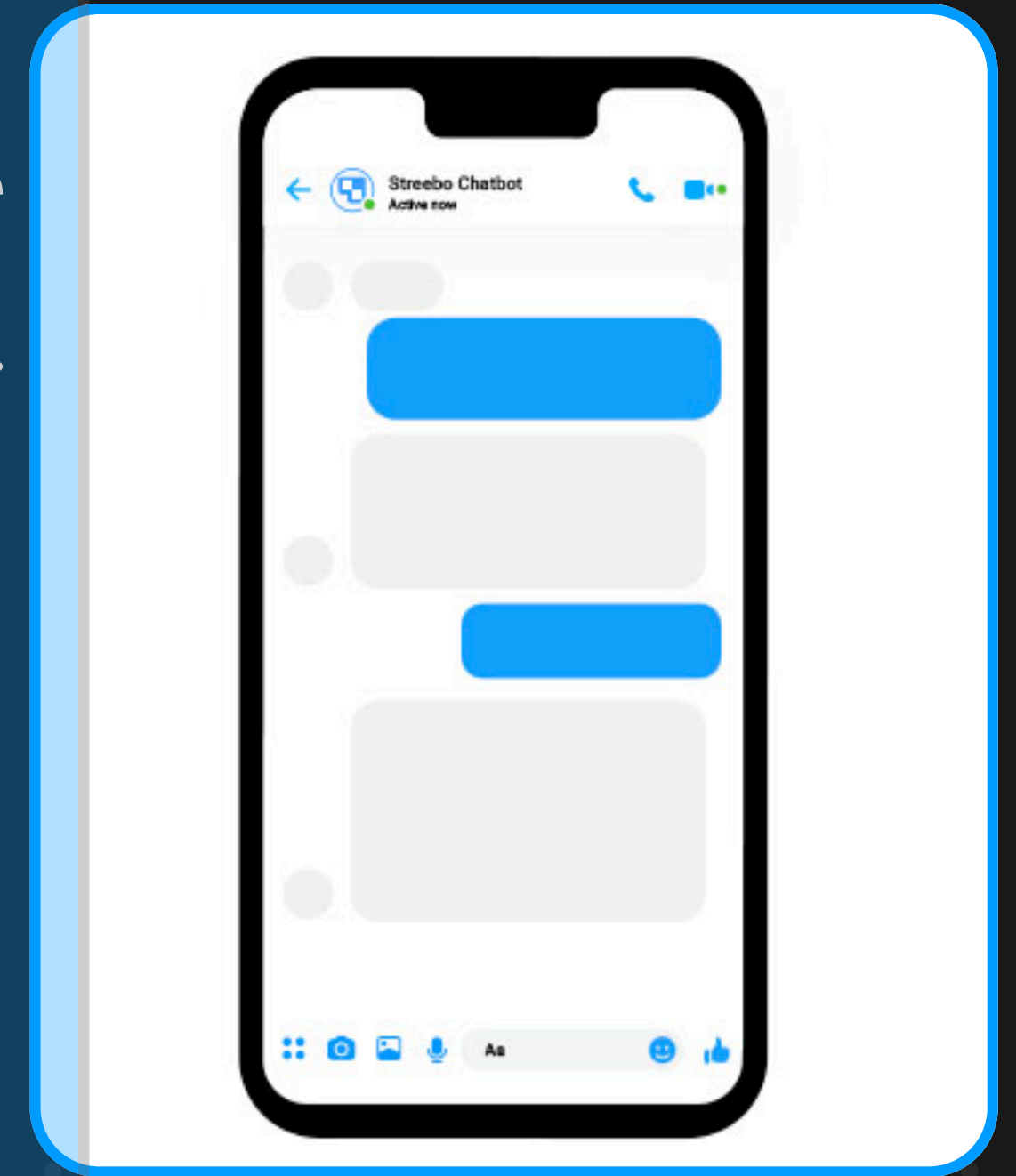
Supervisor : Amjad Abu Hassan

+ Chatbots



A chatbot is a computer program designed to simulate human conversation.

They are commonly used in customer service, virtual assistants, and messaging apps.



What is our project ?

A chatbot visual building tool with advanced features.

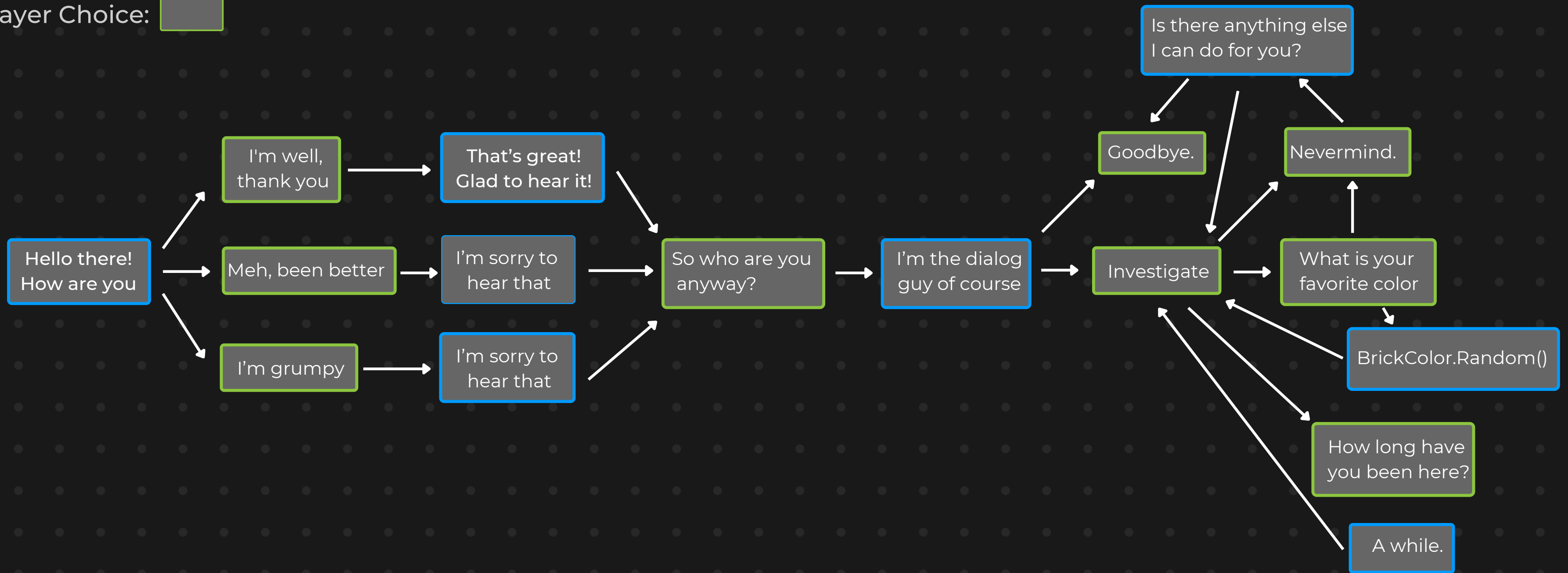
Who is this project indented to?

Developers and companies in need of chatbots for their websites/products

✦ Rule Based Chatbots

NPC Dialog :

Player Choice:



+ Generation Chatbots



explain how a combustion engine works



A combustion engine works by converting the energy stored in fuel into mechanical energy. This is typically done through a four-stroke process in which fuel is mixed with air and then ignited in the combustion chamber. The resulting explosion drives a piston, which moves the engine's crankshaft and converts the linear motion of the piston into the rotational motion of the crankshaft. This rotational motion can then be used to power a vehicle or other machinery.



Current Solutions can be generally divided into two groups:

Chatbot Builders that are rule-based focused with very complex logic but lack AI features

Automation platforms that are AI focused but lack conversational (end-user chatbot) features

 **John Robb**
Copywriter

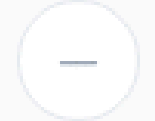
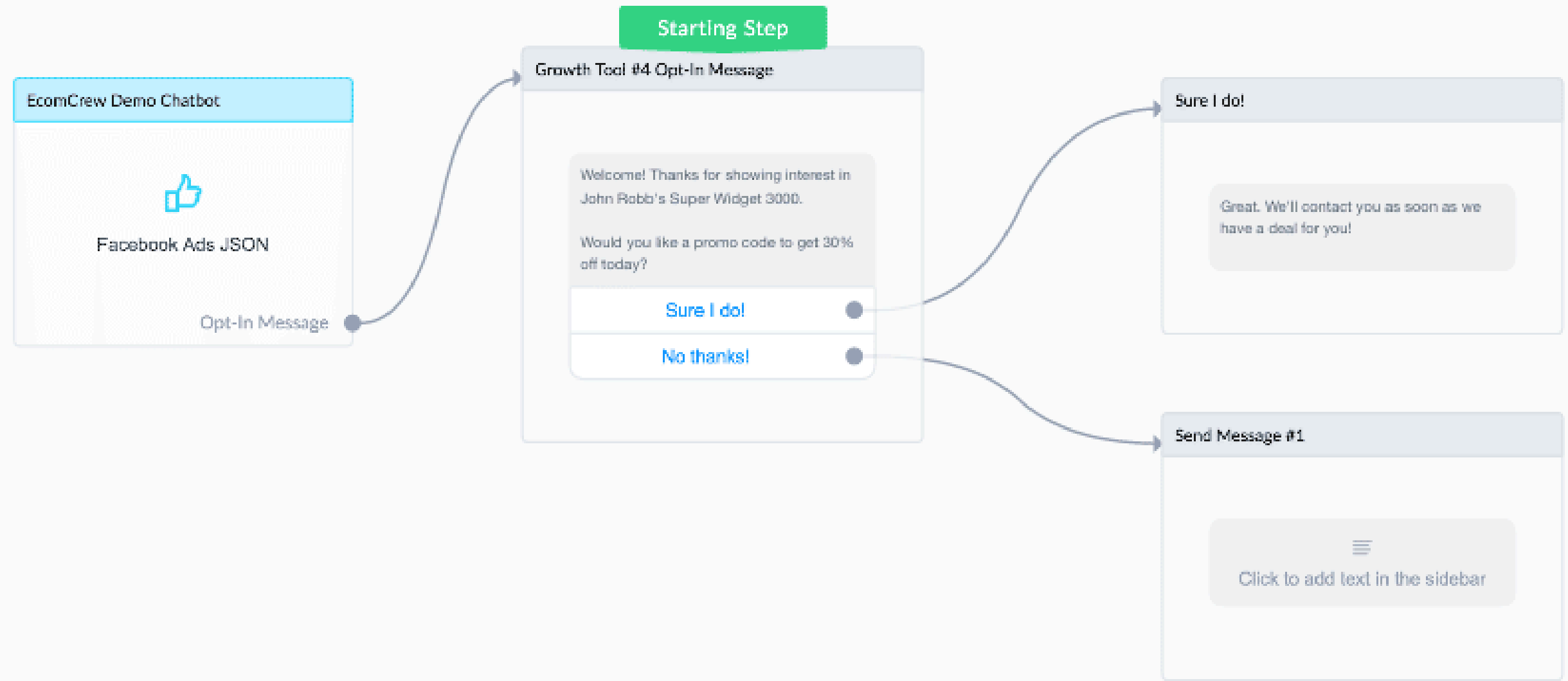
📌 Tap some step to edit

Go To Basic Builder

- Dashboard
- Audience
- Live Chat

- Growth Tools**
- Widgets
- Ads BETA

- Broadcasting
- Automation
- Flows
- Settings



**Our solution
aims to:**

fill the gaps and merge
rule-based approach
with AI features

Add advanced chatbot
customization features

Marketplace - Discover
Chatbots

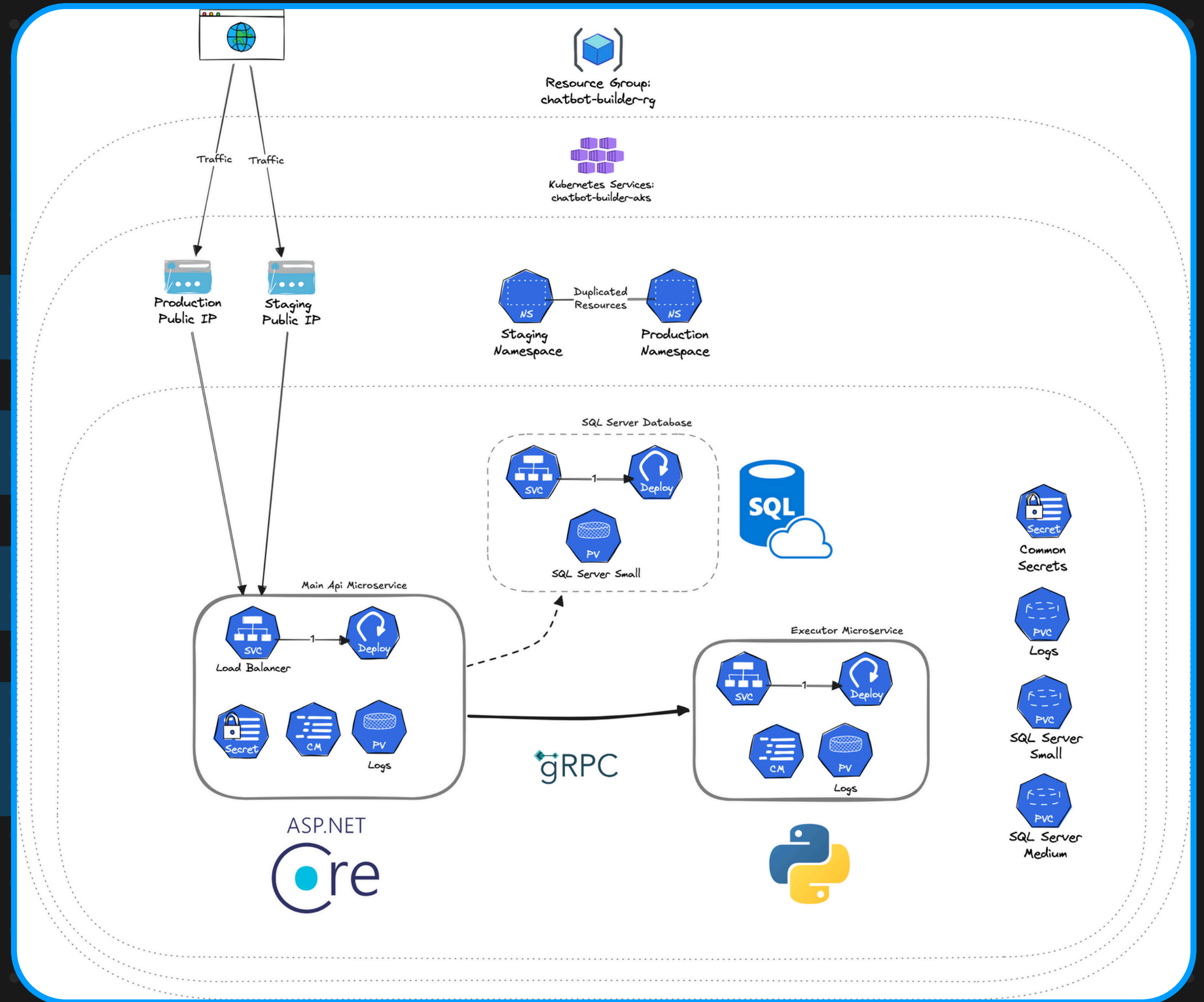
✦ Backend

Microservices

ASP.NET & SqlServer

Python for Langchain

Kubernetes & Terraform
for infrastructure



✦ Frontend

Styled components

Redux toolkit

Typescript

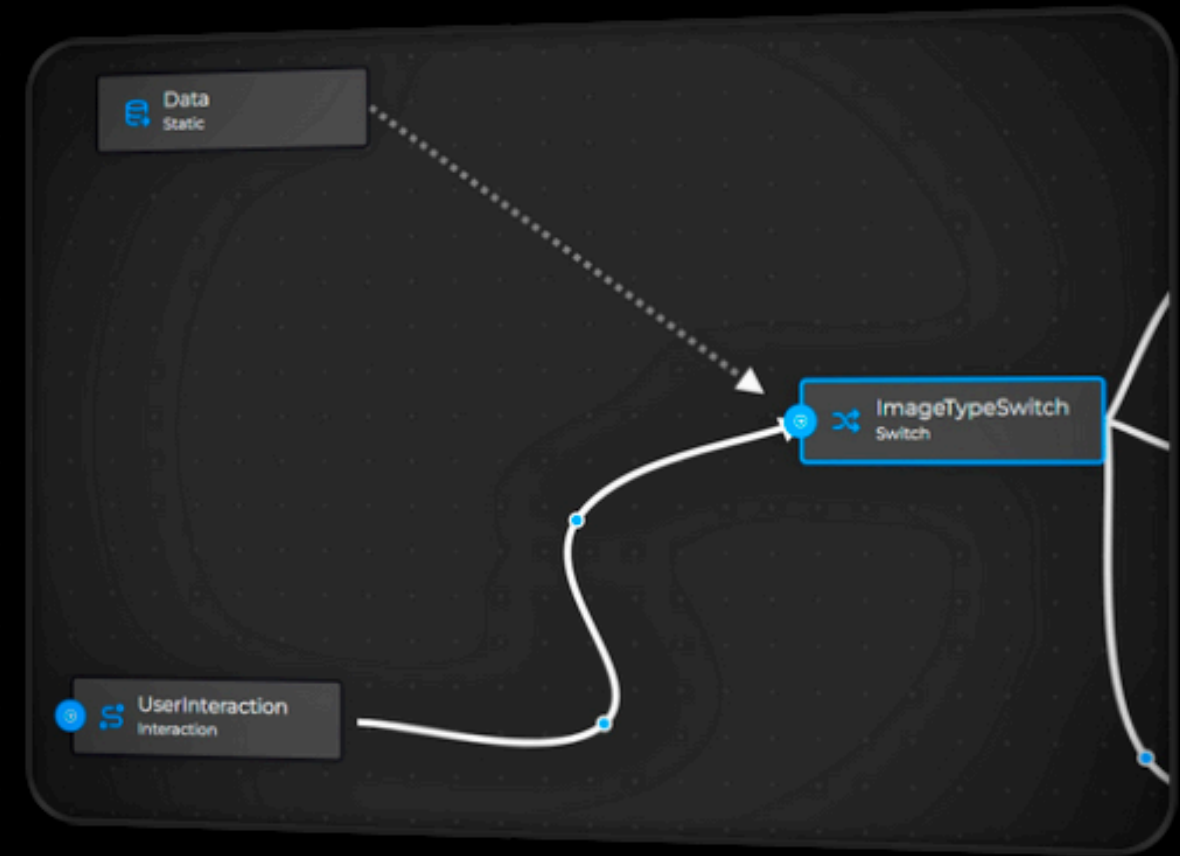
RTK query

React DND



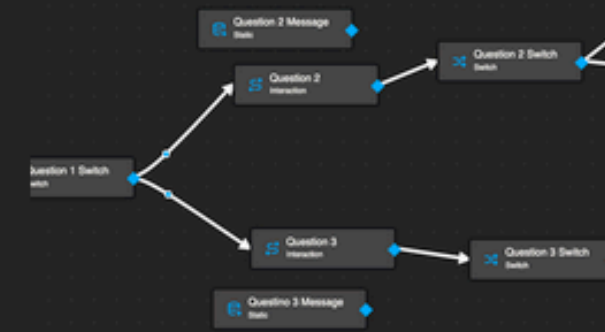
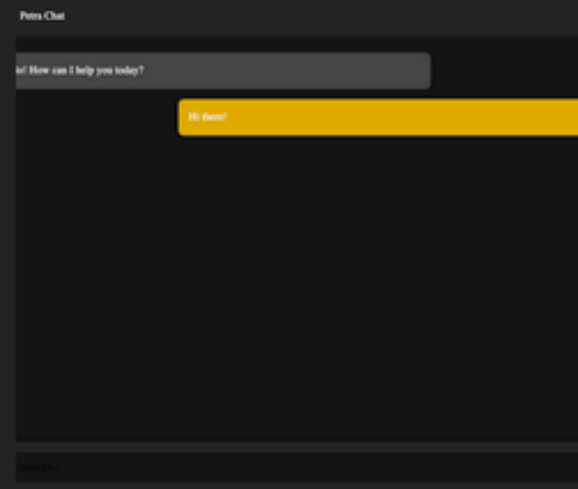
The web builder for stunning Chatbots.

Create, customize, and deploy your chatbot with our intuitive drag-and-drop interface.

[Get Started](#)[Learn More](#)

Account

Settings

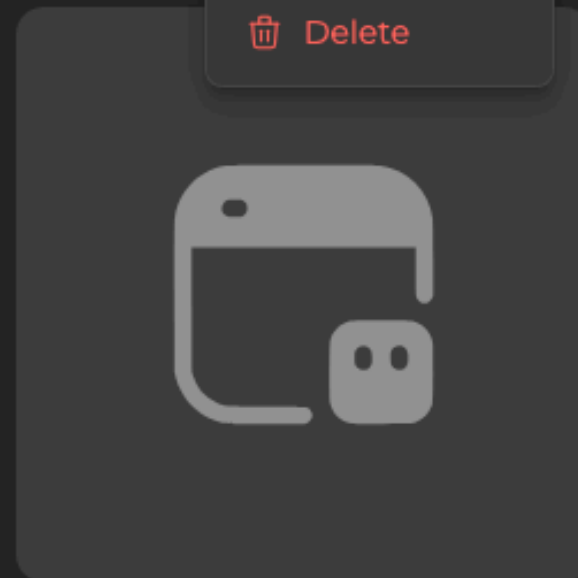


graph

...

Edit

Delete



Medical Diagnostic

...

graph

...



Quiz Bot

...

Nodes

Interaction

Static

Switch

Prompt

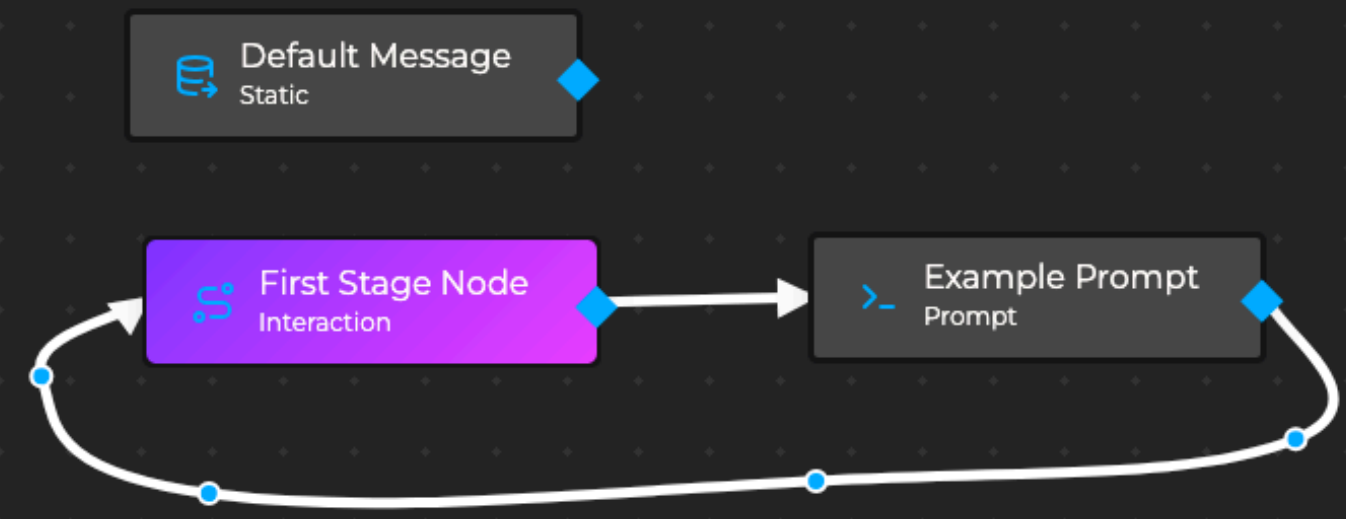
SmartSwitch

API ApiAction

AI Generation

Custom Enums

+ Enum





Save

Publish

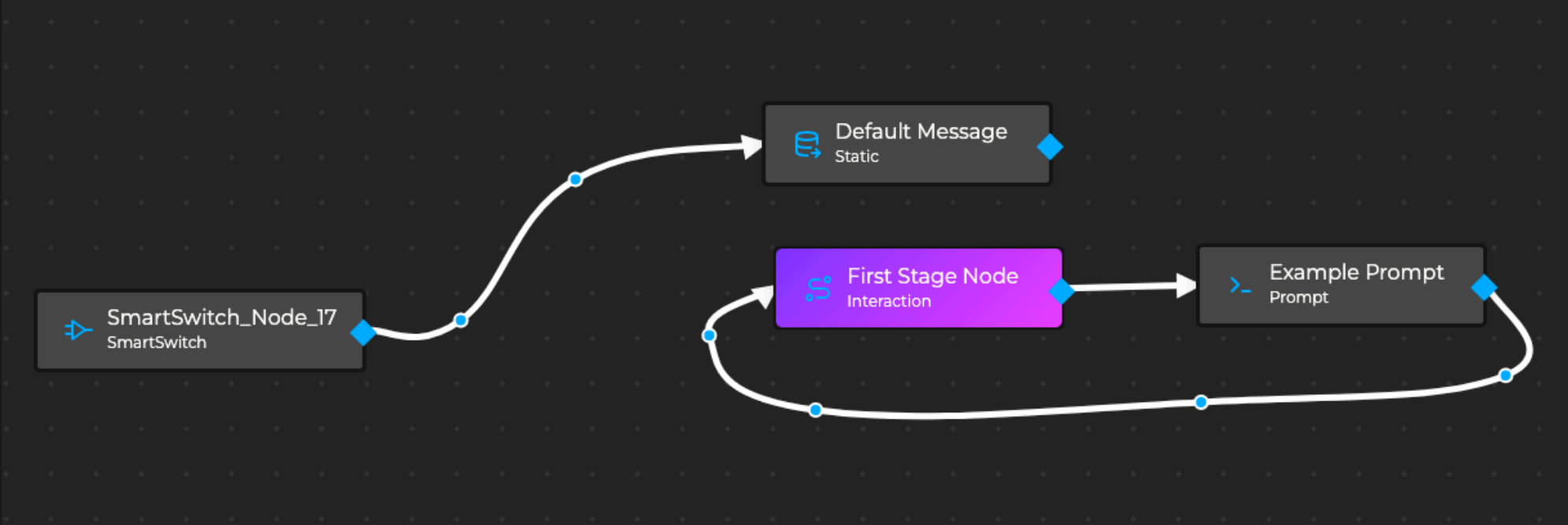
FlowX

Nodes

- Interaction
- Static
- Switch
- Prompt
- SmartSwitch
- API ApiAction
- AI Generation

Custom Enums + Enum

SmartSwitch_Node_17
SmartSwitch



Chat Components

- Header
 - Header Content
- Background
- Bot Message
- Sender Message
- Message Input Section
 - Message Input
 - Send Button

Chat with Bot

Hello! How can I help you today?

Hi there!

Type a message

STYLES CONTENT

FlowX [Navigation icons] XS SM MD **LG** XL [Share, Download, Refresh, Search, Save, Publish]

Chat Components

- Header
- Header Content
- Background
- Bot Message
- Sender Message**
- Message Input Section
- Message Input
- Send Button

Chat with Bot

Hello! How can I help you today?

Hi there!

STYLES CONTENT

senderMessage Styles

maxWidth: 70%

marginLeft: auto

backgroundColor: #ff7a00ff

fontFamily: Montserrat

[Color picker and gradient tool]

FlowX [Navigation icons] XS SM MD **LG** XL [Share, Download, Refresh, Search, Save, Publish]

Chat Components

- Header
- Header Content
- Background
- Bot Message
- Sender Message**
- Message Input Section
- Message Input
- Send Button

Chat with Bot

Hello! How can I help you today?

Hi there!

STYLES CONTENT

senderMessage Styles

maxWidth: 70%

marginLeft: auto

backgroundColor: #08a02aff

fontFamily: Montserrat

[Color picker and gradient tool]

Chat Components

Header

Header Content

Background

Bot Message

Sender Message

Message Input Section

Message Input

Send Button

STYLES

CONTENT

Content Settings

Header Text

Chat with Bot

Bot Message

Hello! How can I help you today?

Input Placeholder

Type a message...

Profile Picture

Upload Image

Chat Components

Header

Header Content

Background


Bot Message

Sender Message

Message Input Section


Message Input

Send Button

 Petra Chat

Hello! How can I help you today?

Hi there!

Type a message... 

STYLES CONTENT

Content Settings

Header Text

Petra Chat

Bot Message

Hello! How can I help you today?

Input Placeholder

Type a message...

Profile Picture

Upload Image



Chat with Bot



Hello world!

hey there

Your input is: hey there

Type a message...



Petra Chat



Hello world!

hey there

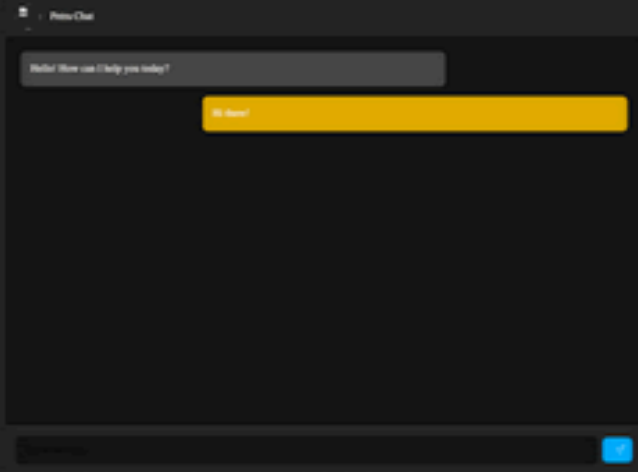
Your input is: hey there

Type a message...



Demo

Discover Chatbots

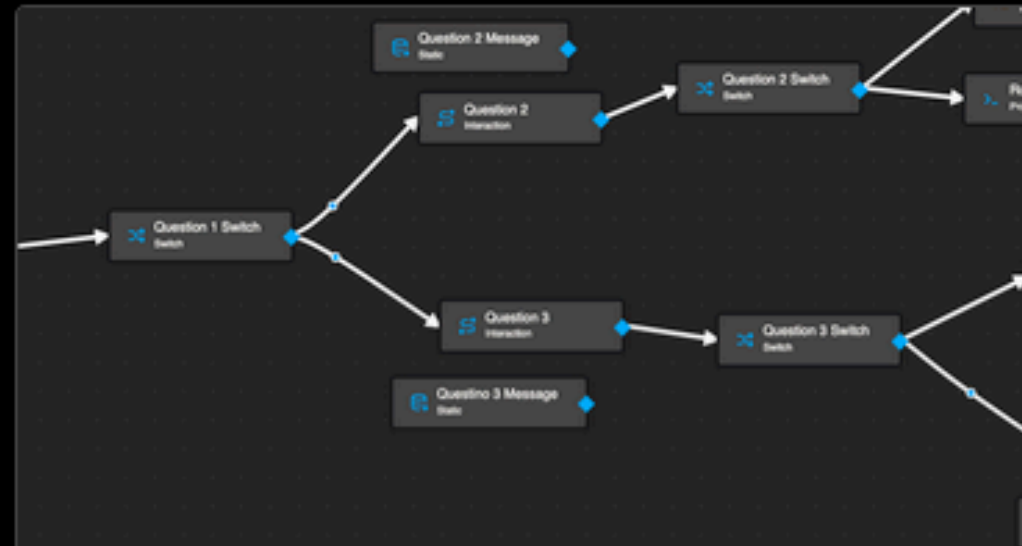


graph

graph description

🕒 2/5/2025

AI Assistant Public

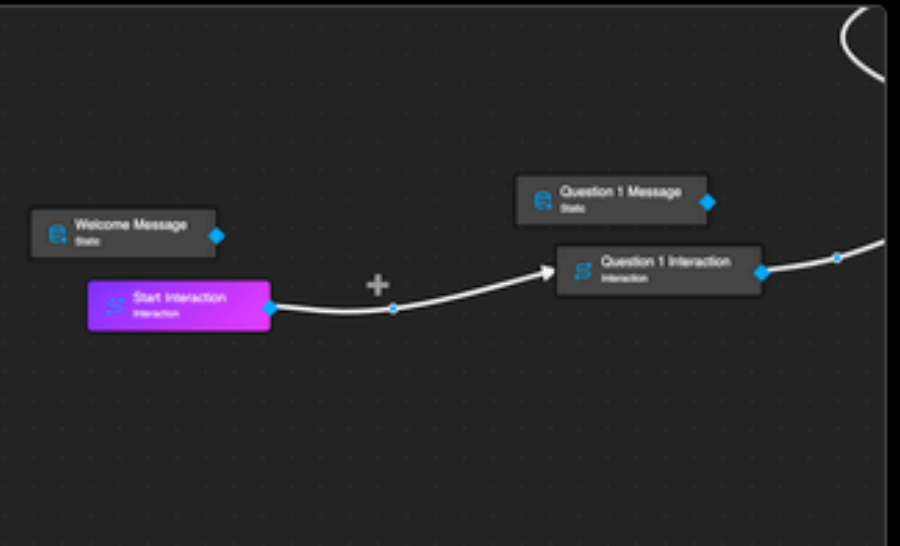


graph

graph description

🕒 2/5/2025

AI Assistant Public



Quiz Bot

Engage users with interactive quizzes.

🕒 2/5/2025

AI Assistant Public

Future Work

- **More nodes**
- **More UI Customization**
- **Documentation Page**

Thank You