

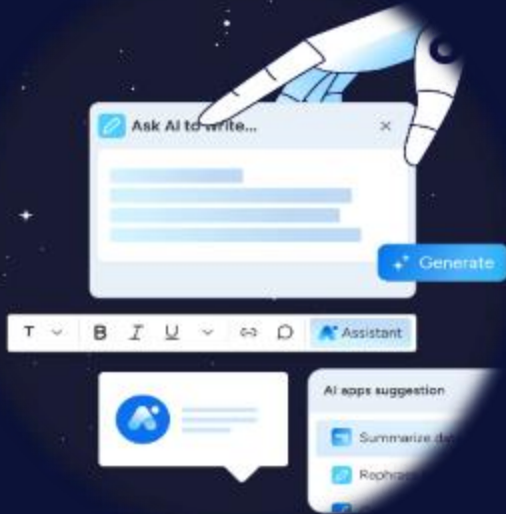


The monday.com AI app hackathon

Date: 21 and 22 June 2023

"X-Caliber AI"
Chat Bot 🤖

By X-Caliber
team



Agenda

- Introduction
- What is Chat GPT API?
- monday.com Application Integration
- monday.com AI assistant features in MyApp
- How to Run Custom AI Application
- How to Use Custom AI BOT Application
- Use Cases
- Conclusion
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Introduction - "X-Caliber AI" Chat Bot

- "X-Caliber Team - AI CHAT Bot application" is the application to build and enhance the capabilities of search, personalized learning, automates customer service and generates marketing content in businesses, and enhances interactive storytelling.
- ChatGPT is a sibling model of Instruct GPT from Open AI. It is trained to follow instructions promptly and offer detailed responses. It can interact in a conversational way, answer follow-up questions, challenge incorrect premises, and reject inappropriate requests. This technology is a great revolution in chatbot technology.
- Here we used monday.com developer integration and AI assistant application features in monday.com And we used react and NodeJS to make application MyApp and create some functionalities existing for AI assistants. Here our application to make your work easy and easy search in the same platform. In this application we used CHAT GPT api to get response as we required.
- We can here search anything related to sales and CRM list, project management tools and everything in one place.

What is Chat GPT API? How to used

Chat GPT API?

- The OpenAI API's **gpt-3.5-turbo** and **gpt-4** models are the same models that ChatGPT and ChatGPT+ use respectively. These powerful models are capable of understanding and generating natural language text.
- The ChatGPT API is primarily optimized for chat, but it also works well for text completion tasks.

How to used ChatGPT API for chat completion?

You need to configure the chat model to get it ready for the API call. This can be better understood with the help of an example:

```
import openai

openai.api_key = "YOUR_API_KEY"

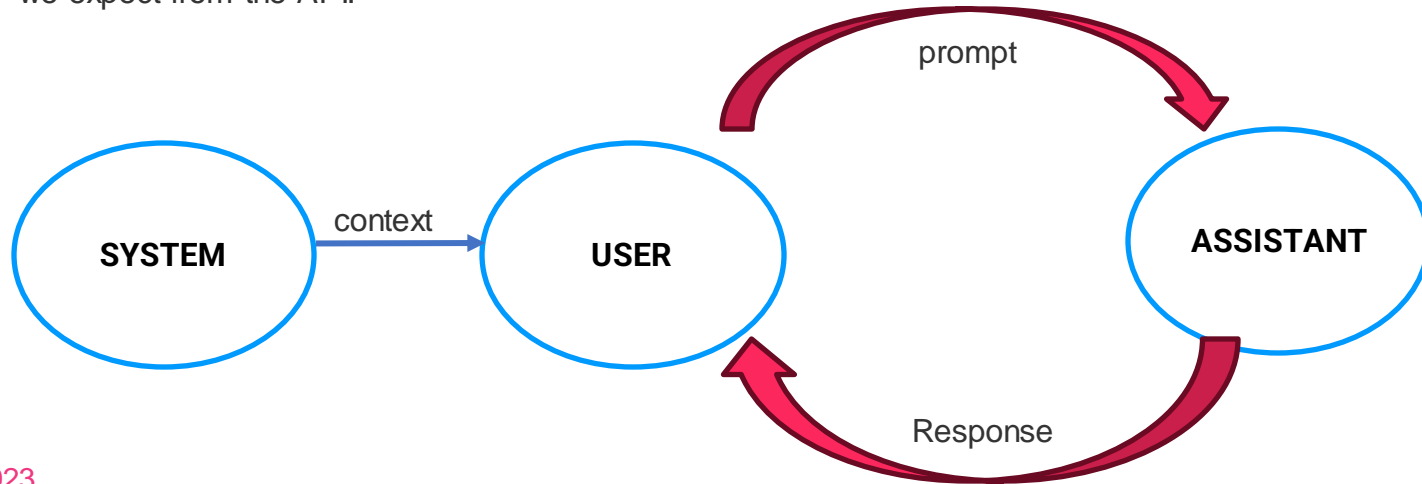
completion = openai.ChatCompletion.create(
    model = "gpt-3.5-turbo",
    temperature = 0.8,
    max_tokens = 2000,
    messages = [
        {"role": "system", "content": "You are a funny comedian who tells dad jokes."},
        {"role": "user", "content": "Write a dad joke related to numbers."},
        {"role": "assistant", "content": "Q: How do you make 7 even? A: Take away the s."},
        {"role": "user", "content": "Write one related to programmers."}
    ]
)

print(completion.choices[0].message)
```

monday.com AI assistant features in MyApp

Here, the most important part is the **messages** parameter which accepts an array of message objects. Each message object contains a **role** and **content**. You can provide three types of roles to the message objects:

- **system**: It sets up the context and behavior of the assistant.
- **user**: It's used to give instructions to the assistant. It is typically generated by the end user. But you as a developer can also provide some potential user prompts beforehand.
- **assistant**: We provide the assistant with some information in advance so that it gives us the response we expect from the API.

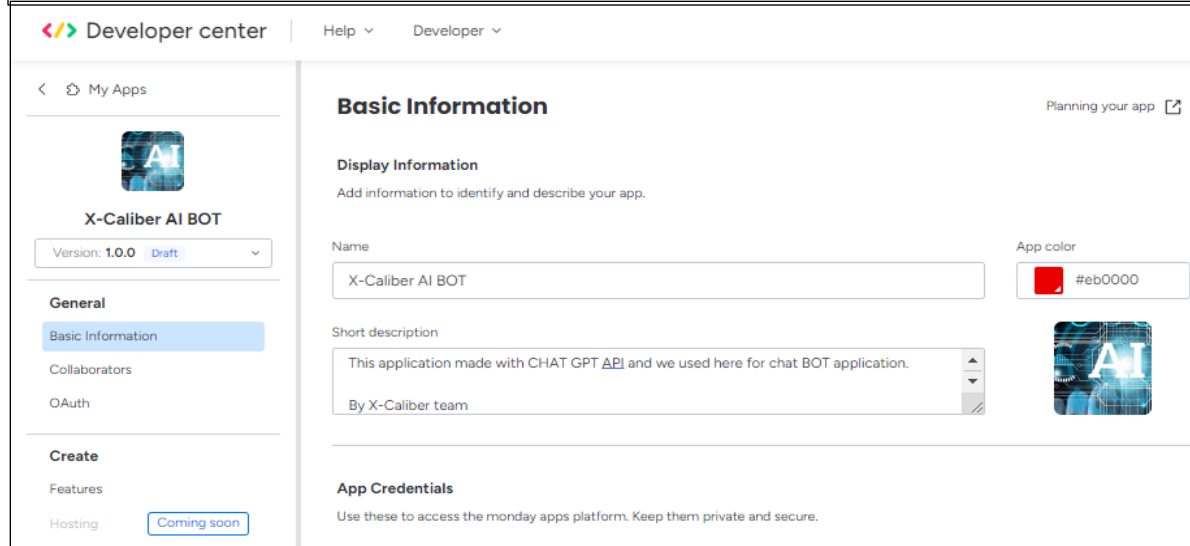


monday.com Application Integration

- Monday.com integration is a feature that allows users to connect their Monday.com account with other third-party applications and services.
- This allows users to access data from other services and applications directly within their Monday.com account.
- This integration also allows users to share data with other services and applications, making it easier to collaborate and manage tasks.

Create MyApp application with adding features of AI Assistance:

Path: [Avatar icon](#) >> [Developers](#) >> [Create App](#) >> [Fill basic Information](#) >> [Add + Features \(AI Assistance\)](#)

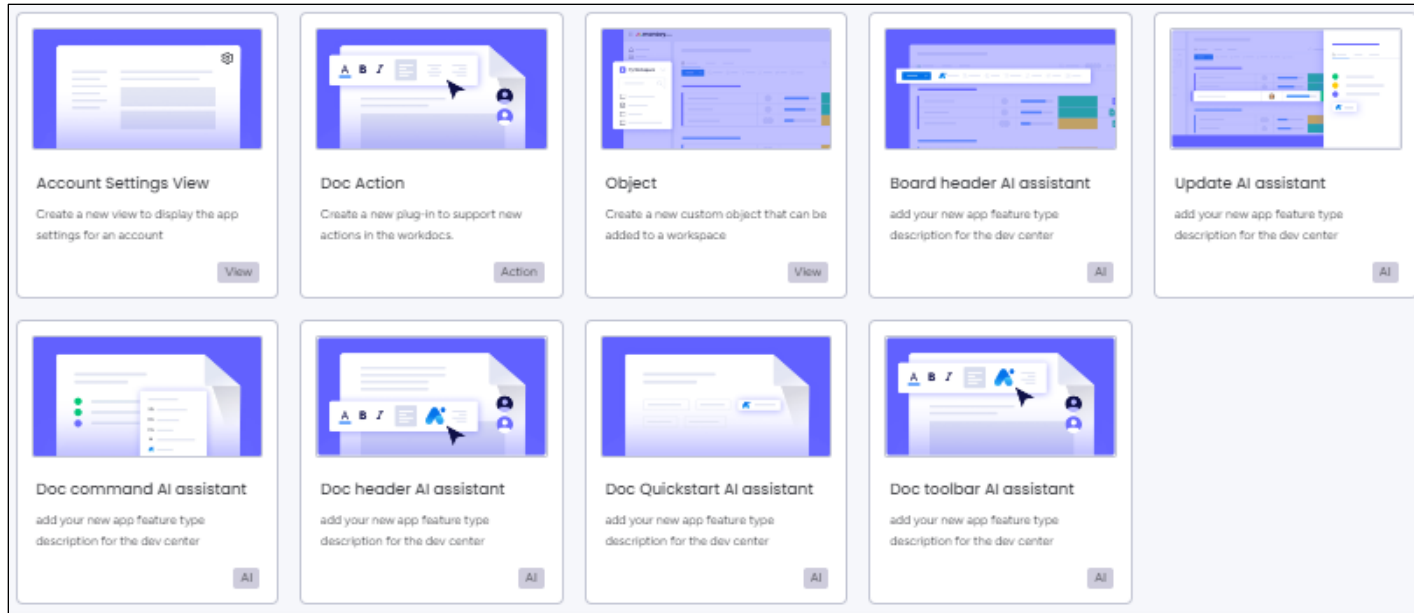


The screenshot shows the 'Developer center' interface for creating an application. The main heading is 'Basic Information'. On the left, there is a sidebar with 'My Apps' and a card for 'X-Caliber AI BOT' with version '1.0.0' and a 'Draft' status. The 'Basic Information' section includes 'Display Information' with a sub-heading 'Add information to identify and describe your app.' and fields for 'Name' (X-Caliber AI BOT), 'App color' (#eb0000), 'Short description' (This application made with CHAT GPT API and we used here for chat BOT application. By X-Caliber team), and 'App Credentials' (Use these to access the monday apps platform. Keep them private and secure.).

monday.com AI assistant features in MyApp

Create MyApp application with adding features of AI Assistance:

- Path: **Avatar icon >> Developers >> Create App >> Fill basic Information >> Add + Features (AI Assistance)**
- Here is the features that we used in our custom application in this below features.
- Select anyone from below features and then, create custom features.



How to Run Custom AI Application code

Tools and Framework used for Custom AI Application Code:

Following are the framework and tools used for custom AI Application BOT code:

- ReactJS – Frontend
 - ReactJS is used for frontend with VITE features to create Chat BOT user interface UI-UX.
- NodeJS – Backend
 - NodeJS is used for Backend with express and used openAI API's
- Dependencies of NPM:
 - Some NPM dependencies need to install like express, vite, openAI, cors etc. to run this AI application.

How to run this Code:

Install code from below GitHub link:

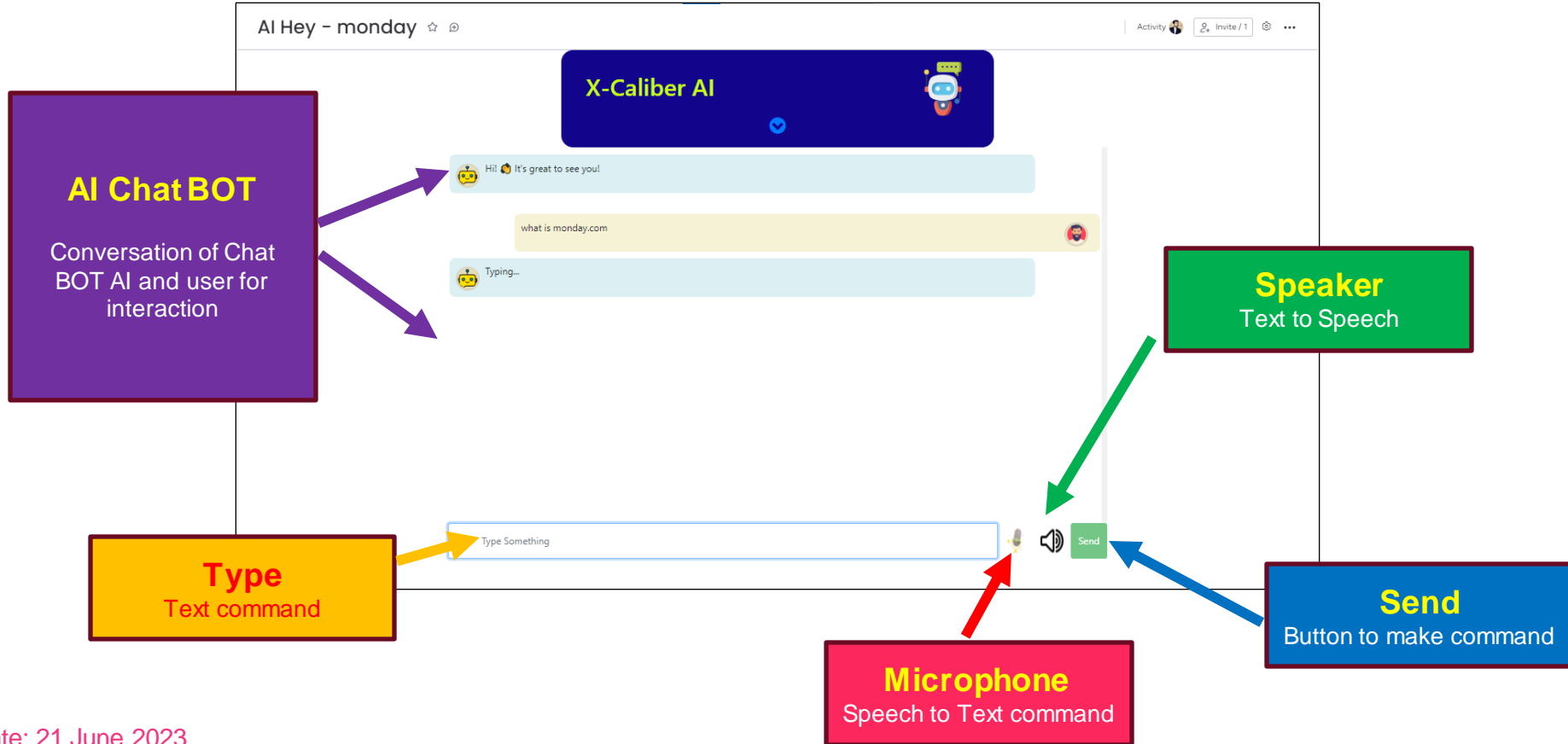
<https://github.com/gghhjk>

Following are the few steps to run:

- Download the code >>> if required install all dependencies of npm >>> open terminal window
- In terminal window >>> cd server >>> npm run dev >>> application start and used application.

How to Use Custom AI BOT Application

Install "X-Caliber AI BOT" App first.

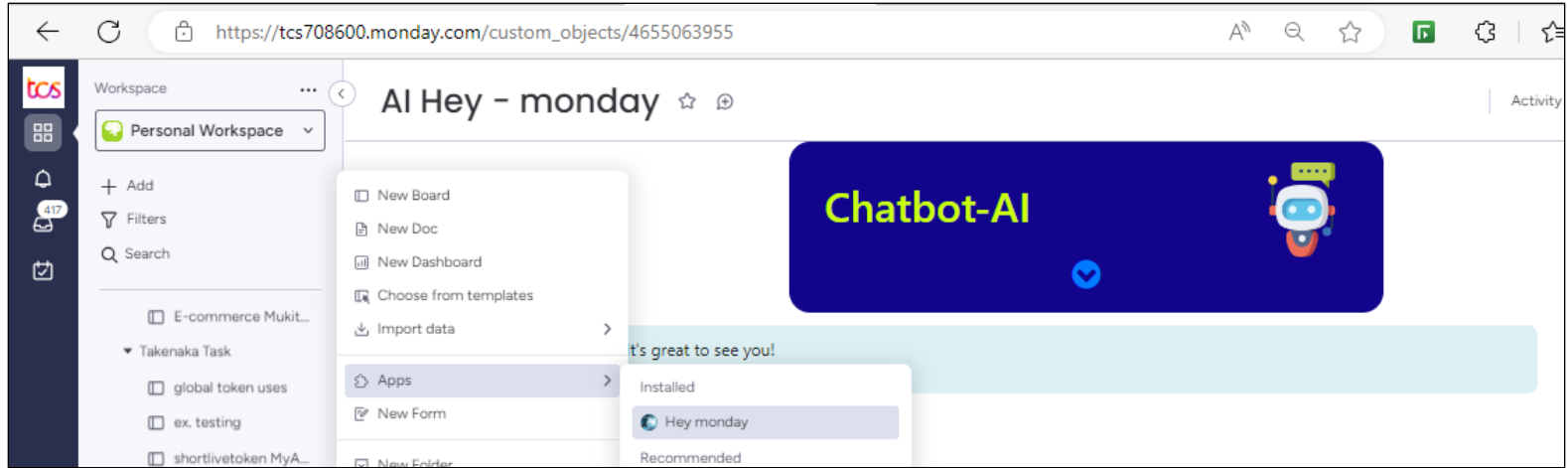


How to Use Custom AI BOT Application

Install "X-Caliber AI BOT" App first.

Step 1: Click **+Add >> Apps >> Hey monday (X-Caliber AI BOT application)**

Step 2: Search anything and make conversation with Chat BOT AI



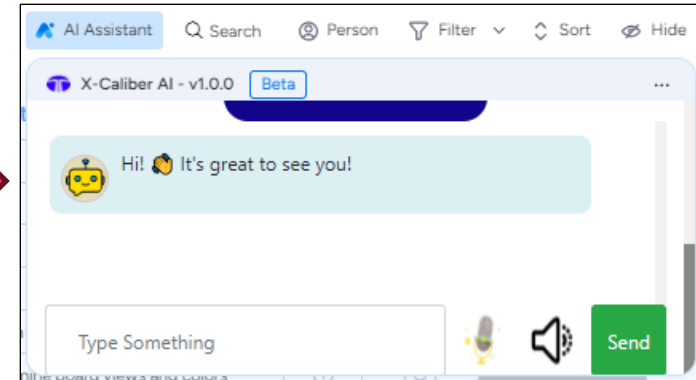
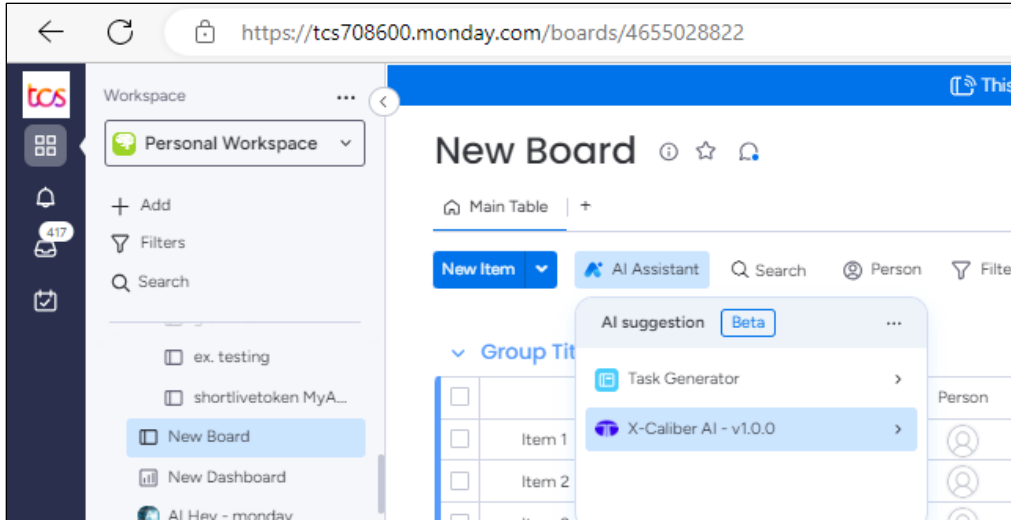
How to Use Custom AI BOT Application

Install "X-Caliber AI BOT" App first.

Following are the features of Board setting that we can use AI BOT application for sprint management, project management or search anything.

Step 1: Go to Board >> **Click on AI Assistant** >> Click on **X-Caliber AI – v.1.0.0 (X-Caliber AI BOT application)**

Step 2: Search anything and make conversation with Chat BOT AI



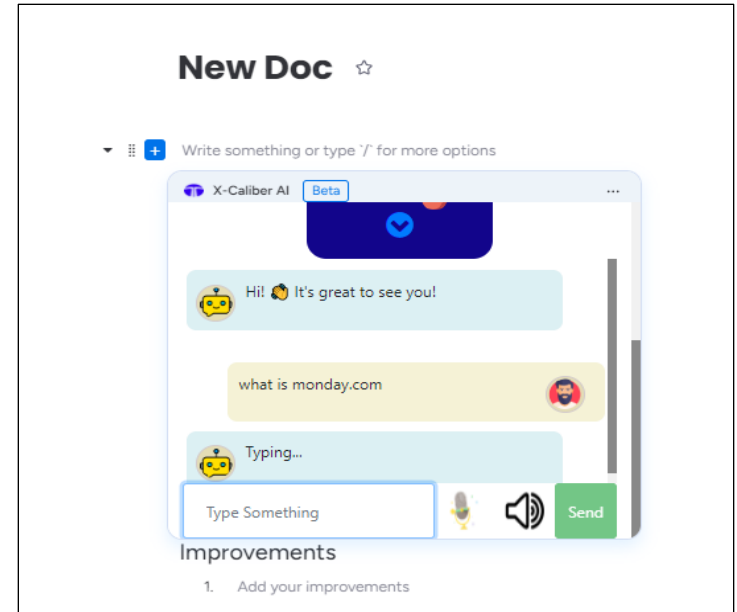
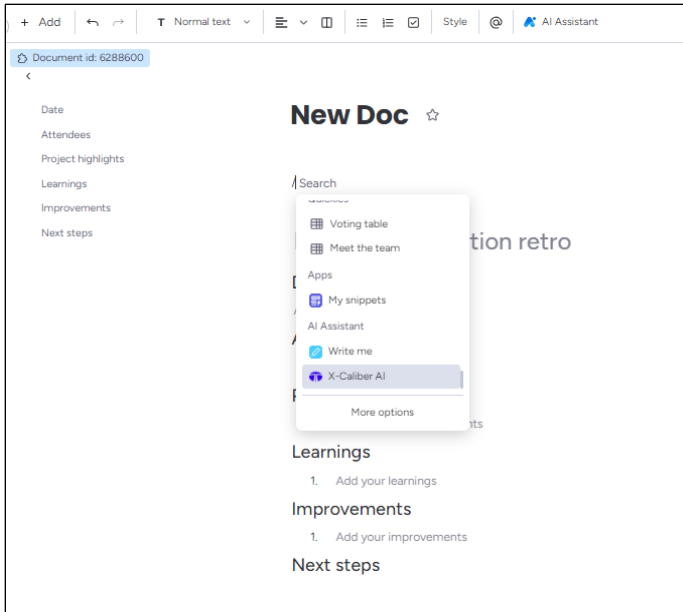
How to Use Custom AI BOT Application

Install "**X-Caliber AI BOT**" App first.

Following are the features of monday.com DOCS Setting that we can use as AI BOT application for search anything related to your document and copy and paste to use for your use cases.

Step 1: Go to New Doc >> Type " / " >> You will get **option and select** >> **X-Caliber AI – v.1.0.0**

Step 2: Search anything and make conversation with Chat BOT AI



Use Cases: "X-Caliber AI" using GPT API's

Monday.com can be used to create automated chat GPT (Generative Pre-trained Transformer) use cases in order to improve customer service, reduce costs, and increase efficiency. Examples of chat GPT use cases that can be implemented with Monday.com include:














- 1. Automatically generate customer service responses:** Use "X-Caliber AI" Bot app to generate customer service responses that are tailored to the customer's query. This can help save time and resources while providing a more personalized experience.
- 2. Automatically generate product recommendations:** Use "X-Caliber AI" Bot app to generate product recommendations based on customer preferences. This can help increase sales and customer satisfaction.
- 3. Automatically generate marketing content:** Use "X-Caliber AI" Bot app to generate marketing content such as blog posts, social media posts, and emails. This can help promote products and services in a more efficient manner.
- 4. Automating document creation:** "X-Caliber AI" Bot app can be used to quickly create documents such as contracts, reducing the need for manual document creation.

Conclusion:

- "X-Caliber AI" Bot app by using Chat GPT API has become a powerful tool for natural language processing and language understanding applications.
- It has been used in many different use cases such as natural language generation, question answering, text summarization, and image captioning.
- "X-Caliber AI" Bot app is a powerful tool that can be used to make language processing tasks easier and more efficient.



Our Team:

 <p>Pranay Darne (pranaydarne) System Engineer</p> <p> </p>	 <p>Ameya Ruikar (Ameya) Developer</p> <p> </p>	 <p>Aniket Katre (Aniket_Katre3) Developer and Consultant - monday.com</p> <p> </p>	 <p>Aman Kapse (Amankapse) System Engineer</p> <p></p> <p> </p>
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Team Name:

X-Caliber Team

Company:

Tata Consultancy Services, India

Team Leader:

Aniket Katre

Team Members:

Pranay Darne, Ameya Ruikar, Aman Kapse.

Application Name:

X-Caliber AI Bot





THANK YOU!

Scan QR code
Feedback Form



Any
Question
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