

User Manual for Conversational Generative AI Application

Fujitsu Limited

Dec. 15, 2023

Version	Date	Changes
1.0	September 28, 2023	Initial version created
2.0	November 10, 2023	Update Hallucination Detection and add chat setting
3.0	November 23, 2023	Enabled model selection during chat creation
4.0	December 15, 2023	Add Phishing URL Detection Feature

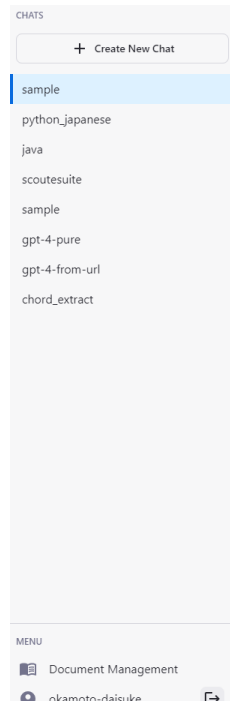
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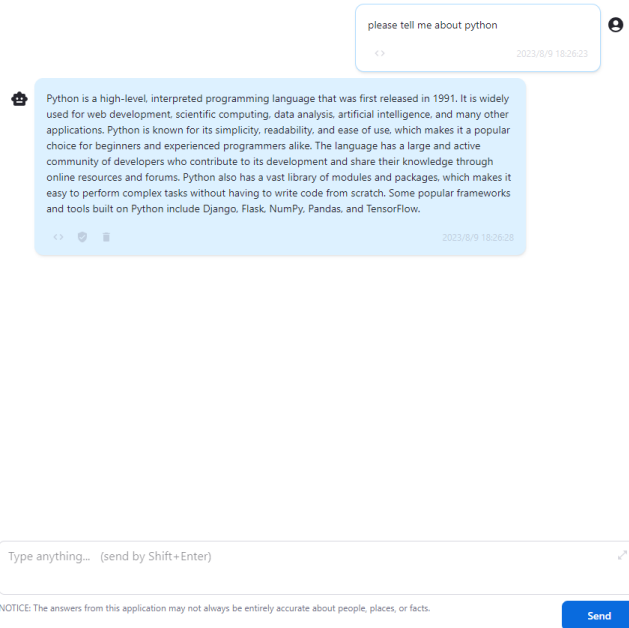
1. Application Overview

This application is designed for experimenting with Conversational Generative AI using business data. With the Azure OpenAI Service's ChatCompletion API, you can have conversations with AI. Additionally, you can upload documents and register external web pages to create answers based on the information from those sources. There are various applications for generative AI, such as advanced FAQs, summarization, translation, and more. Through this application, you can explore what can be achieved using external data. Furthermore, by utilizing the hallucination detection feature, you can detect **"Hallucinations (plausible lies not based on data)"** in sentences answered by

the Conversational Generative AI.



sample



AI models:

- Azure Open AI
 - gpt-35-turbo
 - gpt-35-turbo-16k
- Amazon Bedrock
 - Claude Instant v1

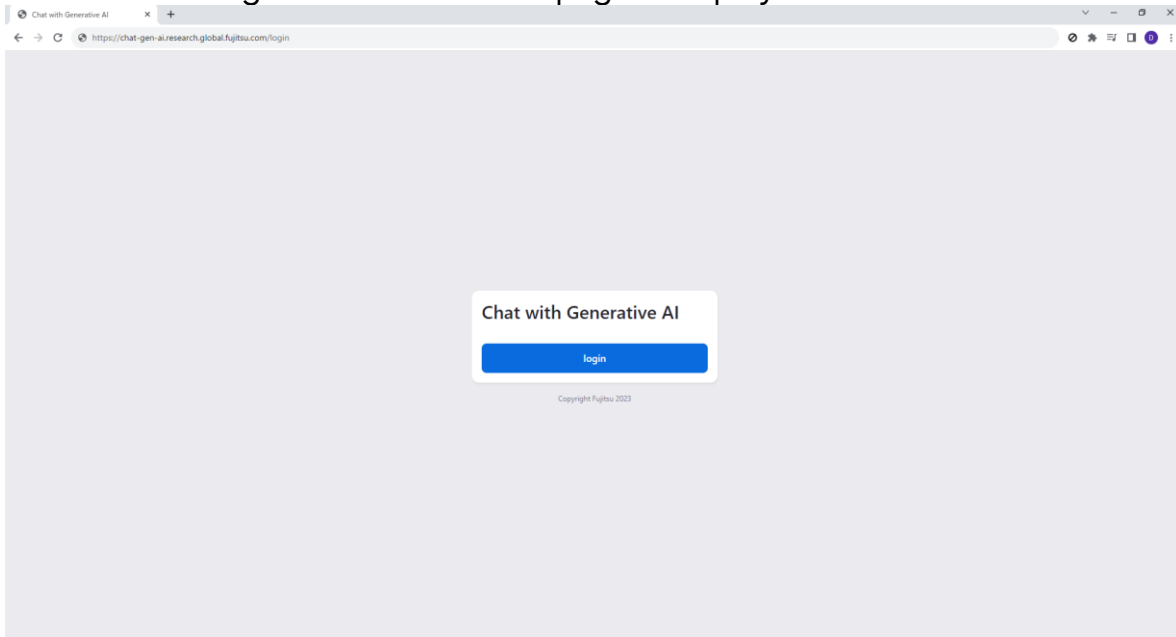
Reference document chats also utilize the following AI models:

- Azure Open AI
 - text-embedding-ada-002 (version2)

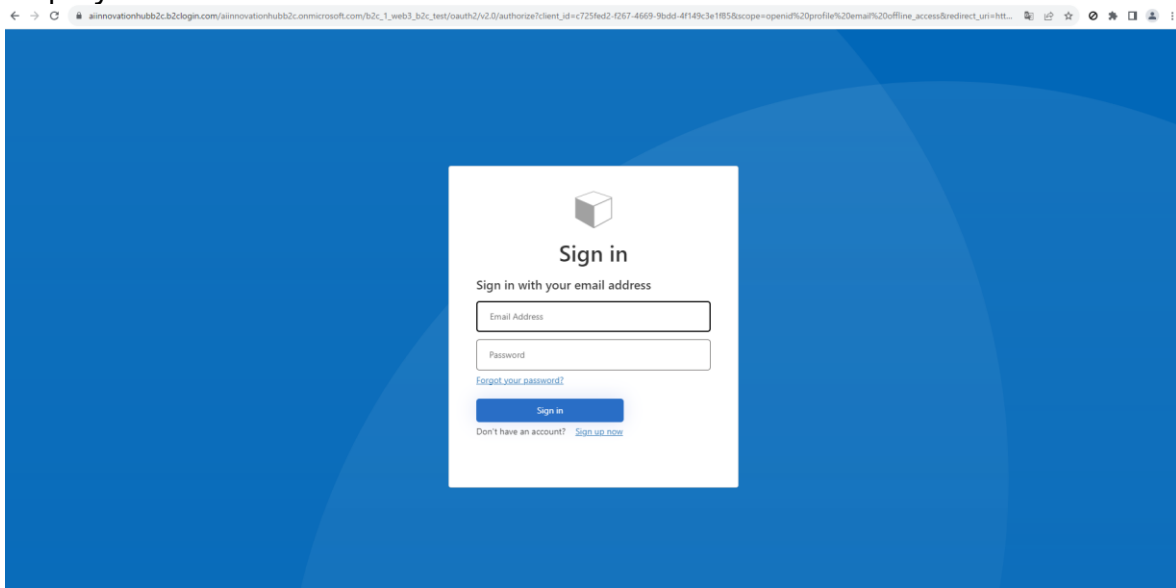
2. Login

First, log in from the login page.

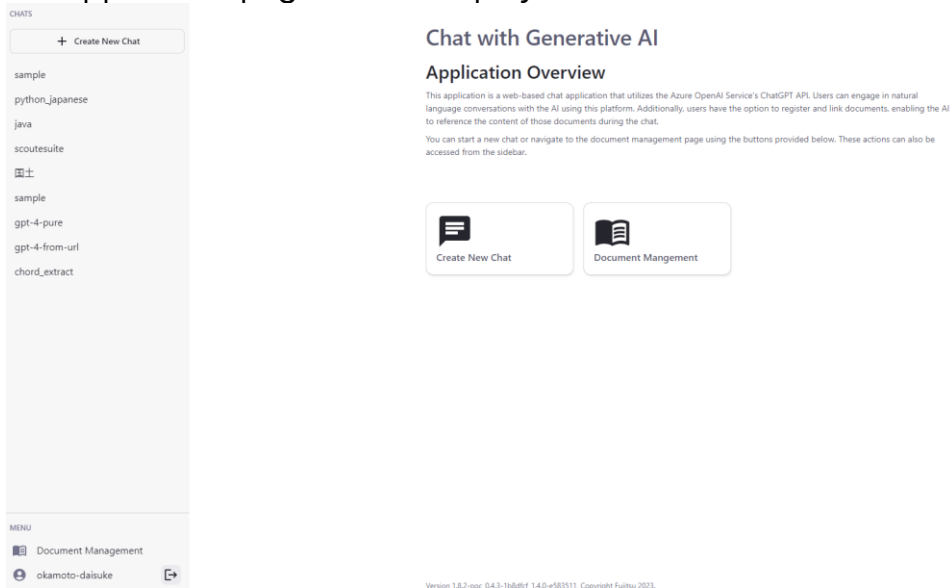
2.1. Press the login button when the page is displayed.



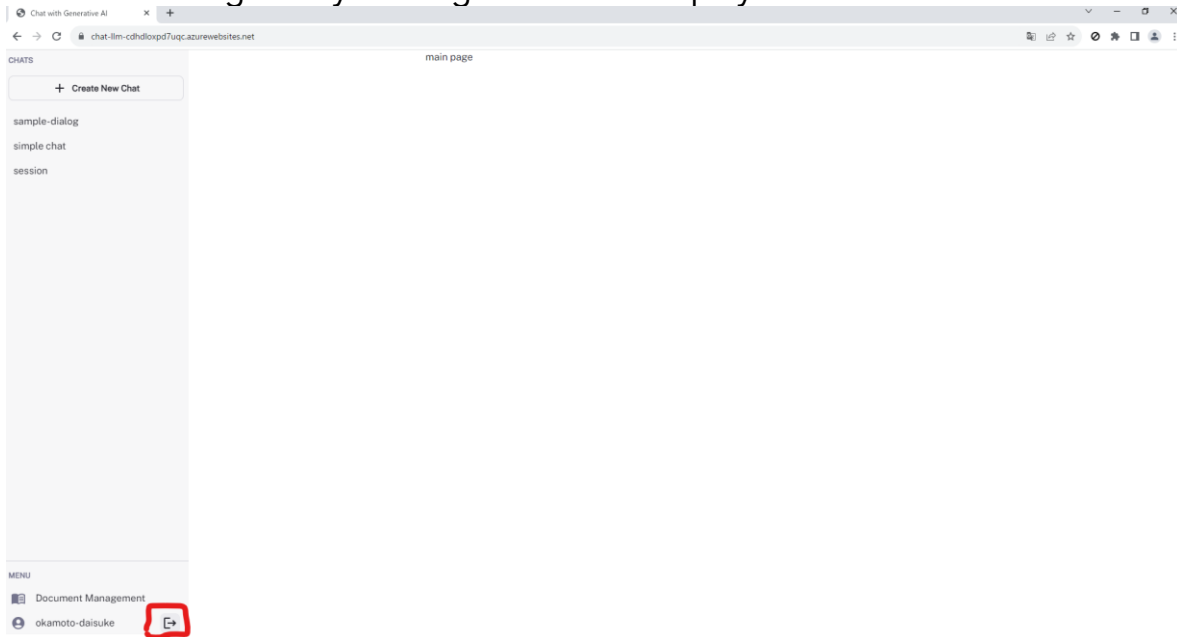
2.2. The Sign in page will appear. Press the login button when the page is displayed.



2.3. Sign in using the account created on the portal. If the Sign in is successful, the application page will be displayed.



2.4. You can log out by clicking the button displayed in the lower left corner.



3. Document Management

This section explains the feature for registering reference documents. By setting the content of the registered documents during chat creation, you can have the AI generate answers that take the document content into account.

You can create both “documents,” which consist of a single information source, and “collections,” which combine multiple documents.

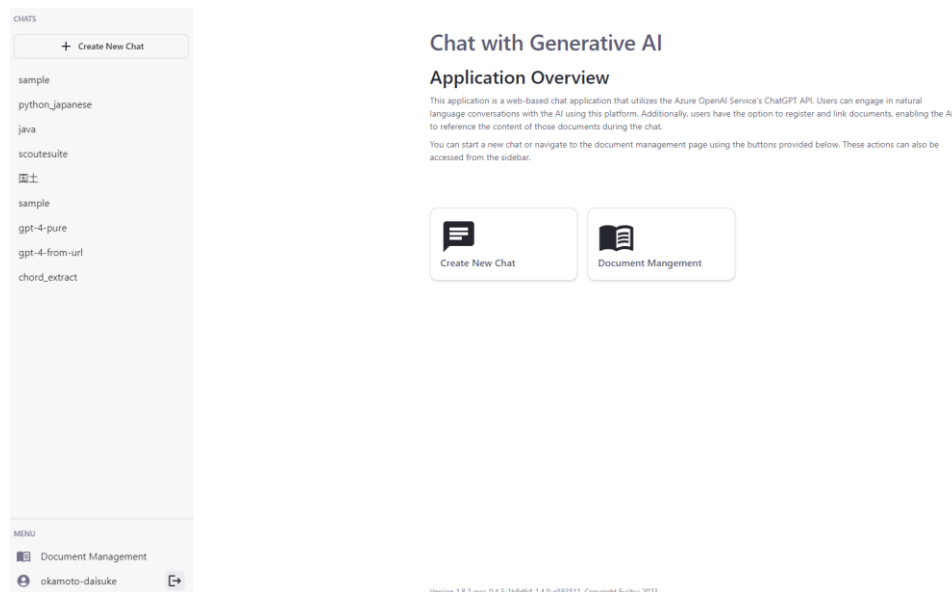
Available File Formats

The following file formats can be used:

- Text documents (.txt)
- PDF files (.pdf)
- Microsoft Word documents (.docx)
- Microsoft PowerPoint presentations (.pptx)
- HTML (.html)
- Markdown files (.md)
- CSV files (.csv)
- Microsoft Excel documents (.xlsx)

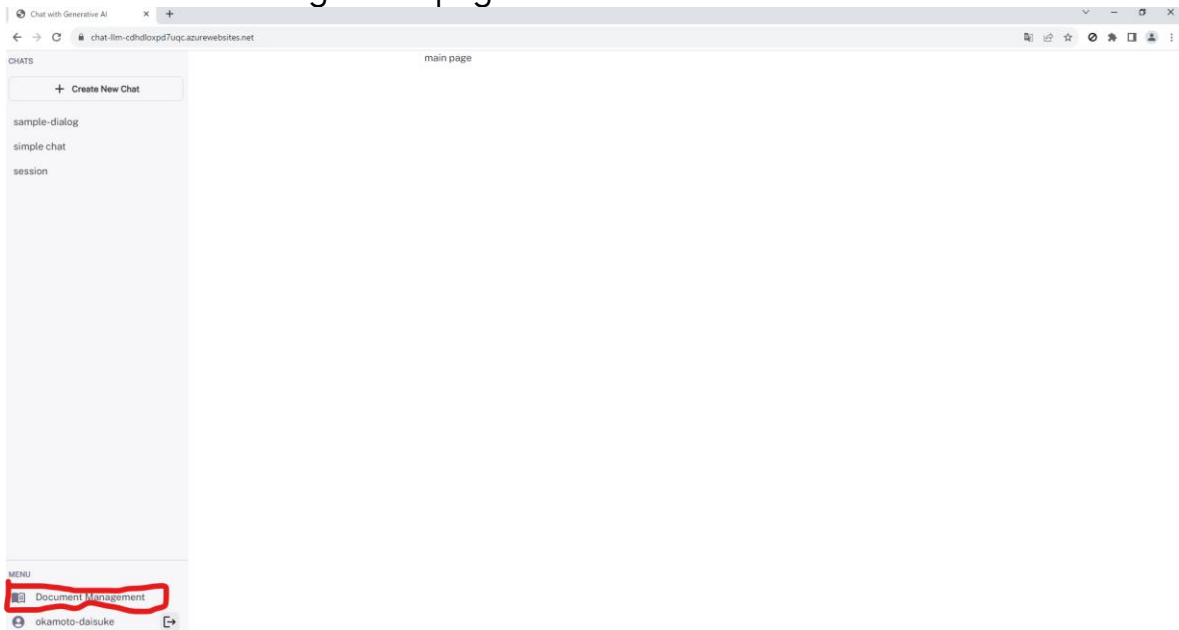
CSV files and Excel documents are limited to specific formats. Specifically, the first column should contain the title of each column, and the second column onwards should contain data. The operation is not guaranteed for files in other formats. However, the main function of this feature is to manually divide the text and extract information, and it cannot be used for any other purposes.

Document Registration

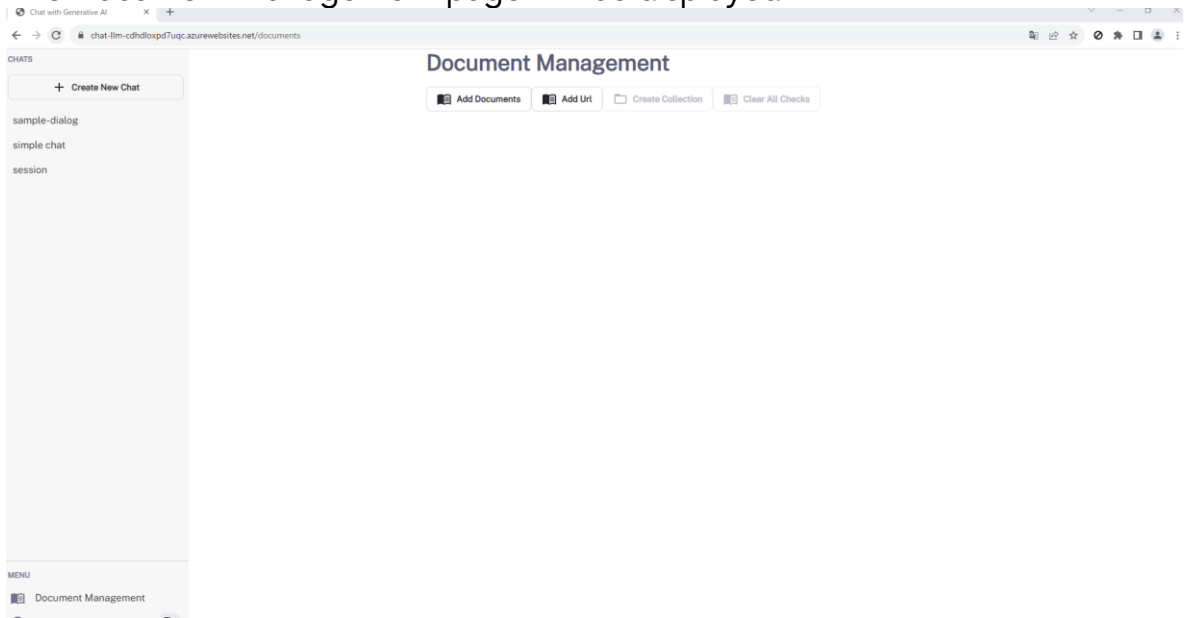


1. Click on 'Document Management' in the bottom left corner and navigate to

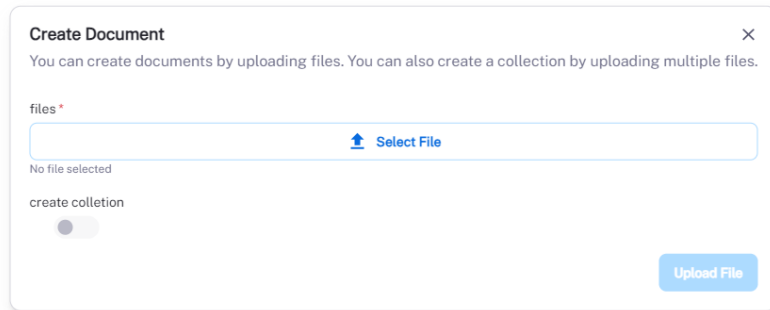
the document management page.



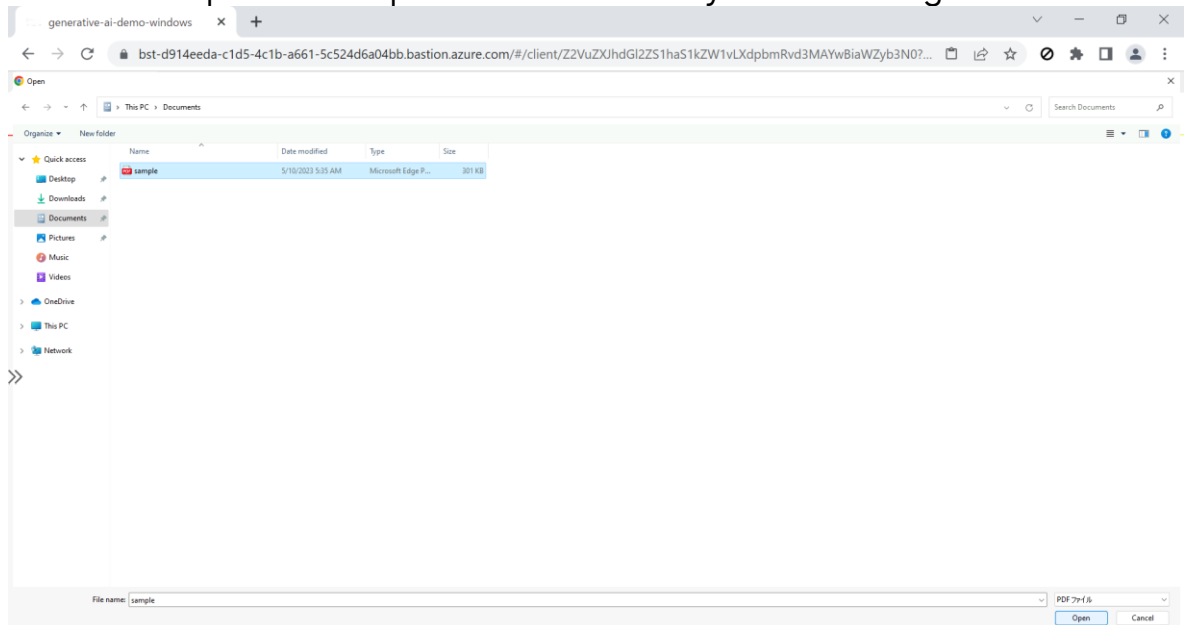
2. The Document Management page will be displayed.



3. Click on 'Add Documents' to open the upload window.



4. Use the file uploader to upload the document you want to register.



- The selected document will be displayed.

Create Document [Close]

You can create documents by uploading files. You can also create a collection by uploading multiple files.

files*

Select File

selected value

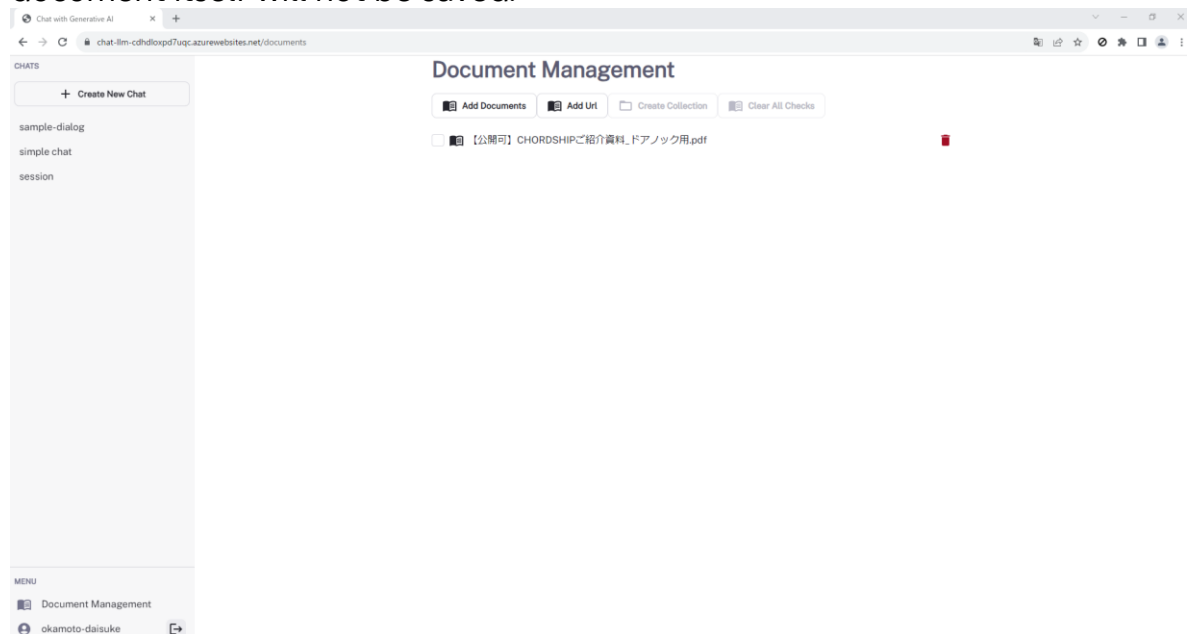
【公開可】 CHORDSHIPご紹介資料_ドアノック用.pdf type: application/pdf size: 2967893 [Edit] [Delete]

create collection

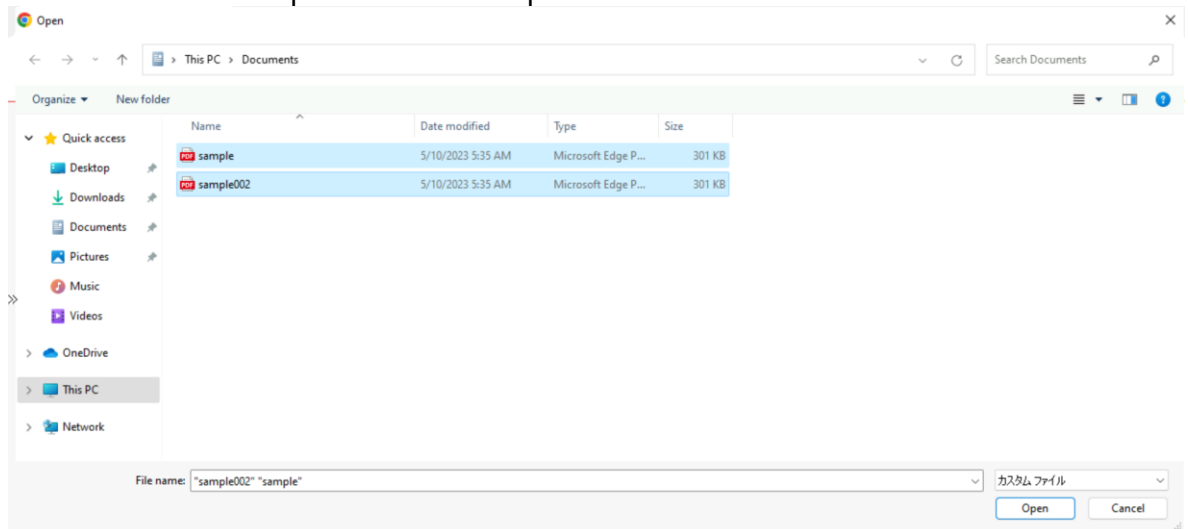
Upload File

You can change the document name if necessary. (If not set, the original file name will be used as is.)

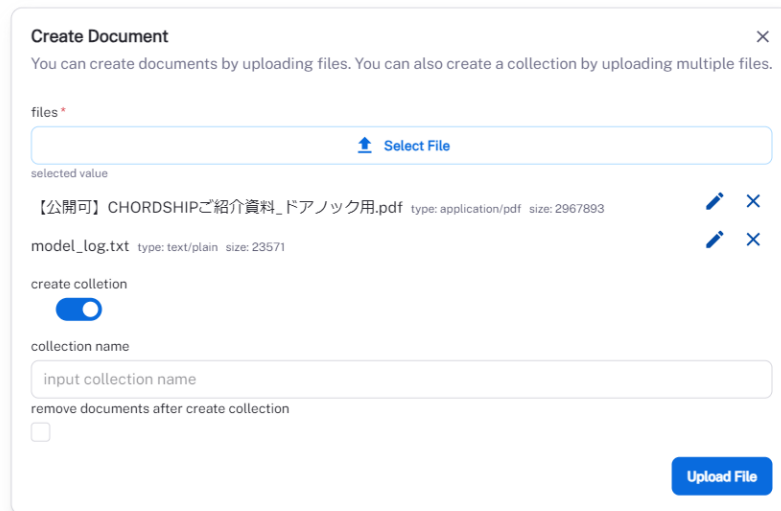
- Click the 'Upload File' button. This will register the document. *Note: At the time of registration, the document will be converted into a vector format using Embeddings API and registered in that state. The document itself will not be saved.



7. You can register multiple files at once during the file upload process. Please select multiple files in the uploader.



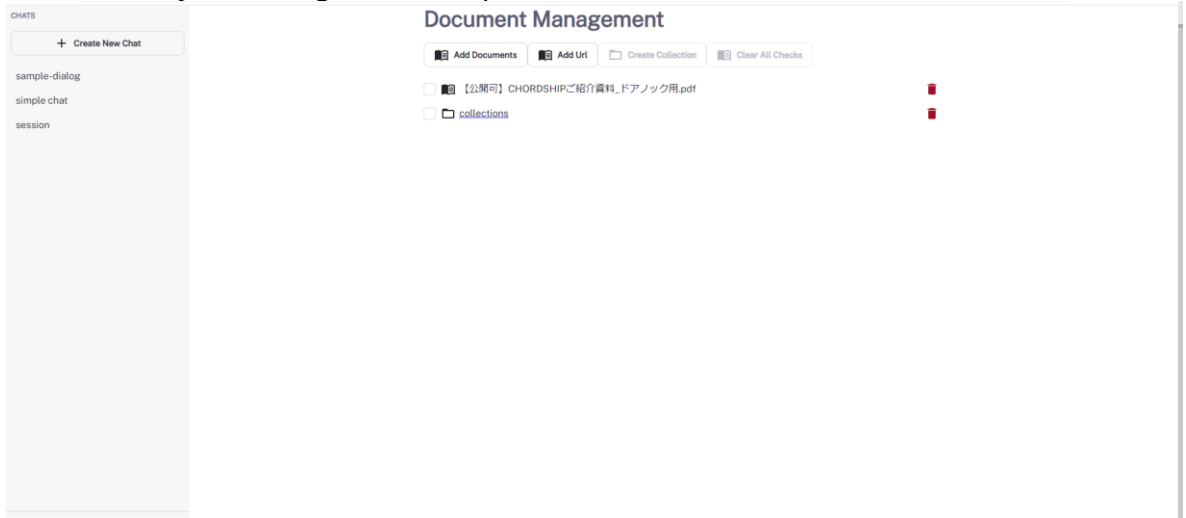
8. By checking 'create collection,' you can create a collection at the same time as uploading.
- Give a name to the collection. (You cannot name individual documents.)
 - By checking 'remove documents after create collection,' you can create a collection only (the original files will be deleted after the collection is created).



The 'Create Document' dialog box contains the following elements:

- Title:** Create Document
- Subtitle:** You can create documents by uploading files. You can also create a collection by uploading multiple files.
- files ***: A text input field with a 'Select File' button.
- selected value**: A list of two files:
 - 【公開可】 CHORDSHIPご紹介資料_ドアノック用.pdf type: application/pdf size: 2967893
 - model_log.txt type: text/plain size: 23571
- create collelction**: A toggle switch that is currently turned on.
- collection name**: A text input field containing 'input collection name'.
- remove documents after create collection**: An unchecked checkbox.
- Upload File**: A blue button at the bottom right.

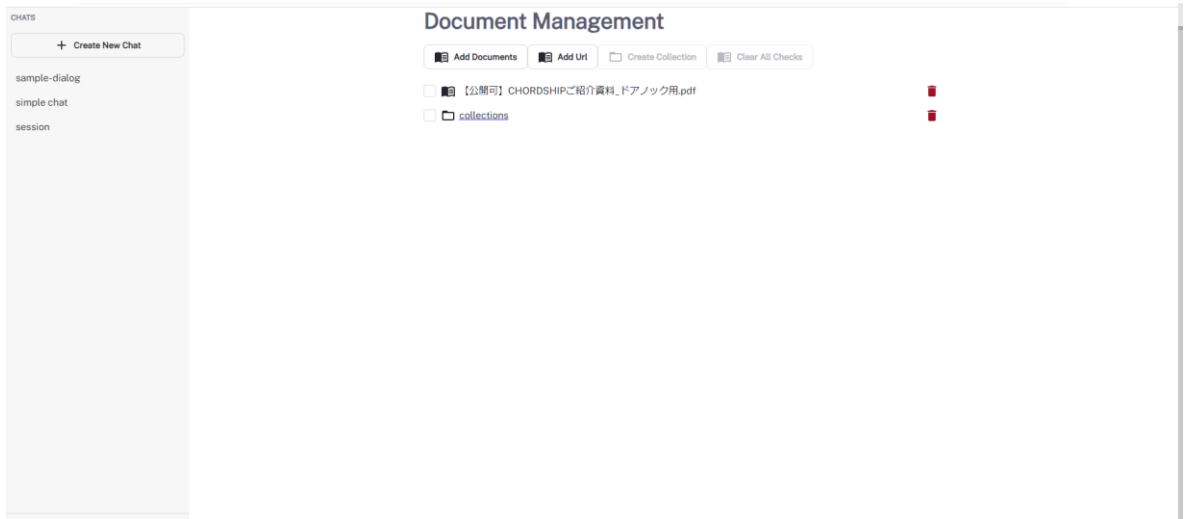
9. This allows you to register multiple documents.



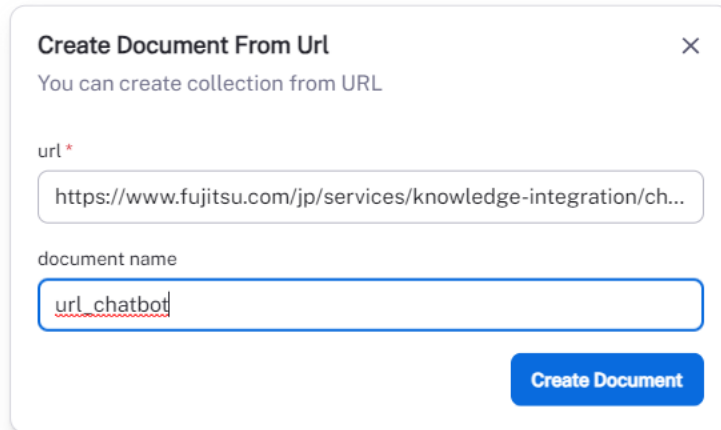
Creating a Document from a URL

You can create a document from the content of a URL by specifying the URL.

1. Click the 'Add Url' button.



- Specify the URL and, if necessary, give the document a name. (If no name is specified, the URL will be used as the name.)



Create Document From Url ×

You can create collection from URL

url *

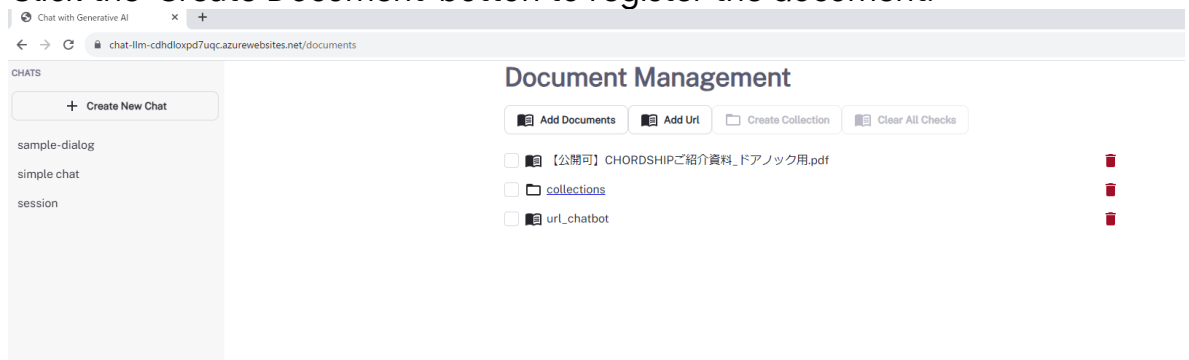
https://www.fujitsu.com/jp/services/knowledge-integration/ch...

document name

url_chatbot

Create Document

- Click the 'Create Document' button to register the document.

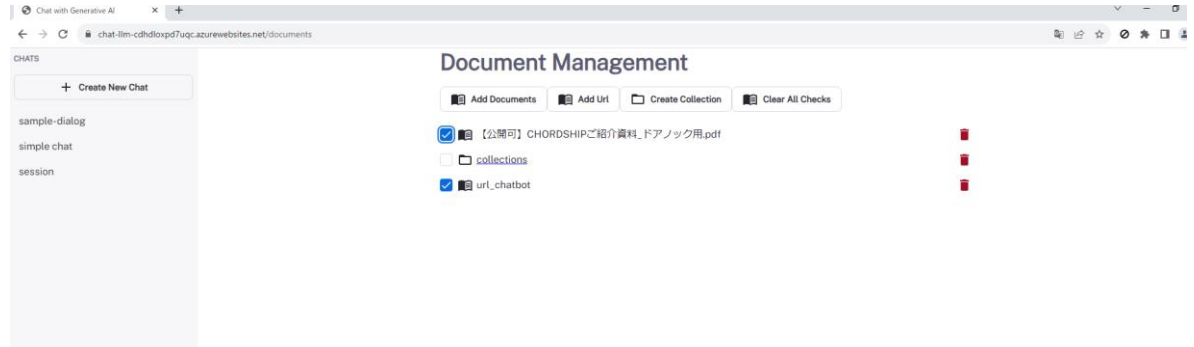


Creating a Collection from Registered Documents

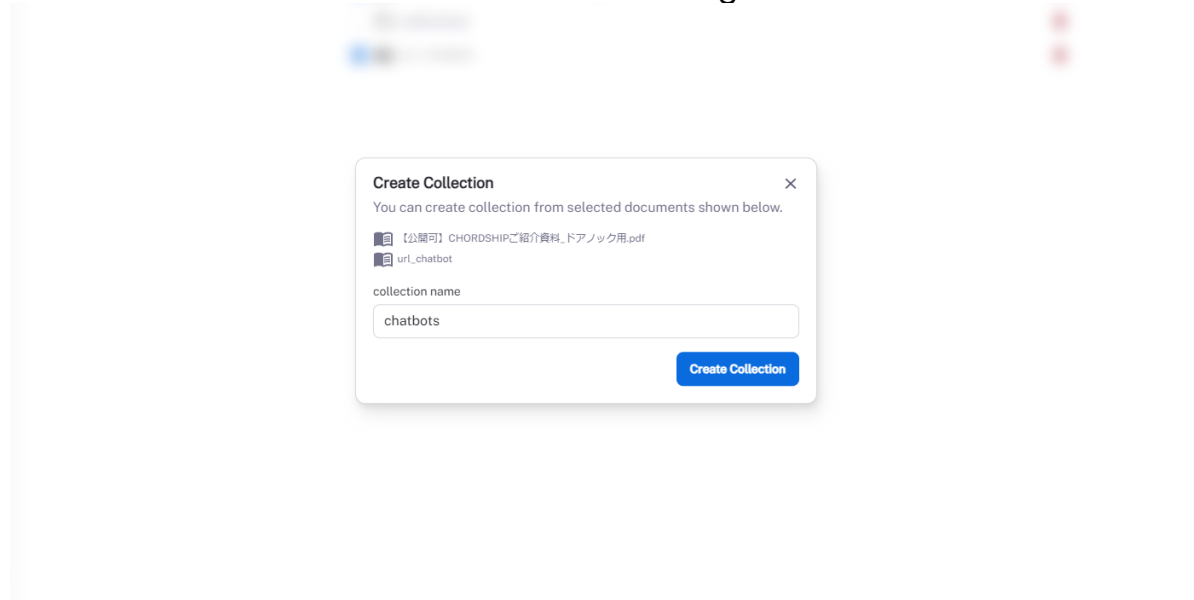
You can create a collection by selecting registered documents.

- Check the checkbox of the document(s) you want to include in the collection from the list of displayed documents, and click the 'Create

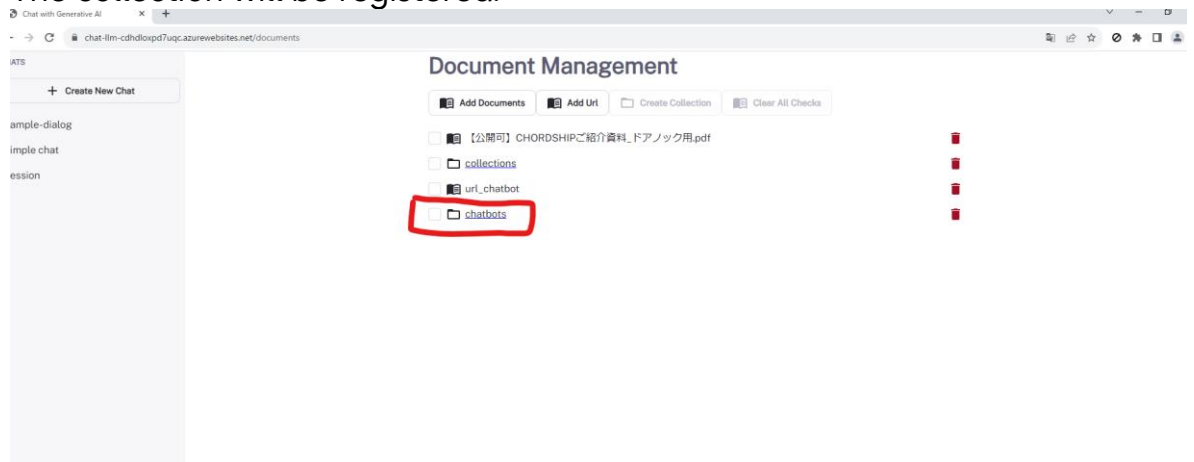
Collection' button.



2. The registration window will appear. If necessary, give the collection a name. Click the 'Create Collection' button to register the collection.

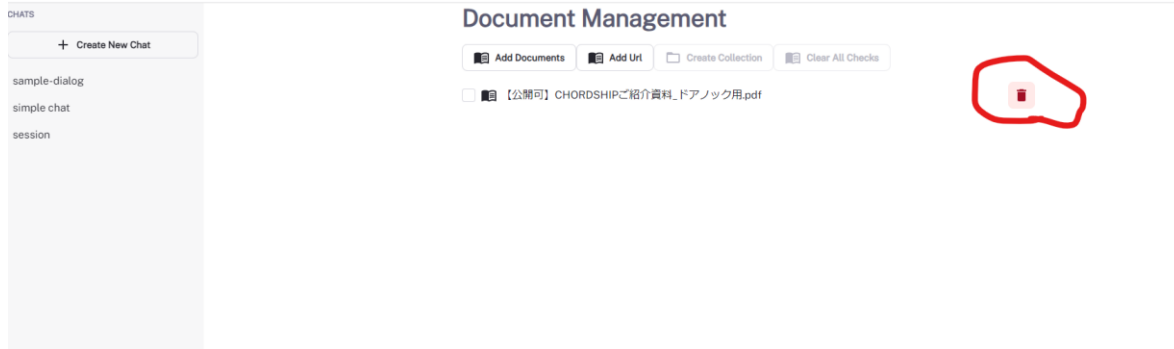


3. The collection will be registered.

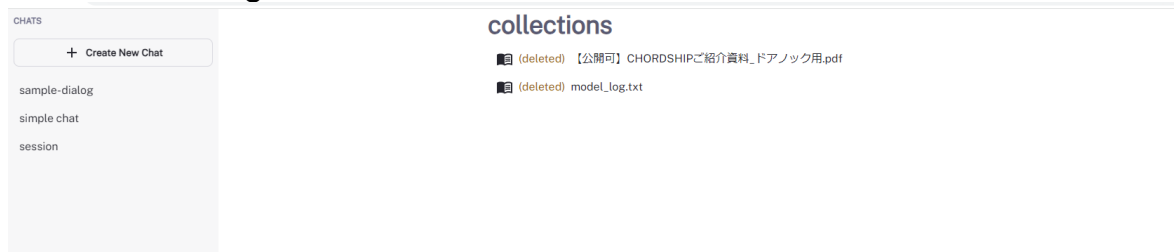


Document List and Deletion

You can delete registered documents by clicking the trash can icon.



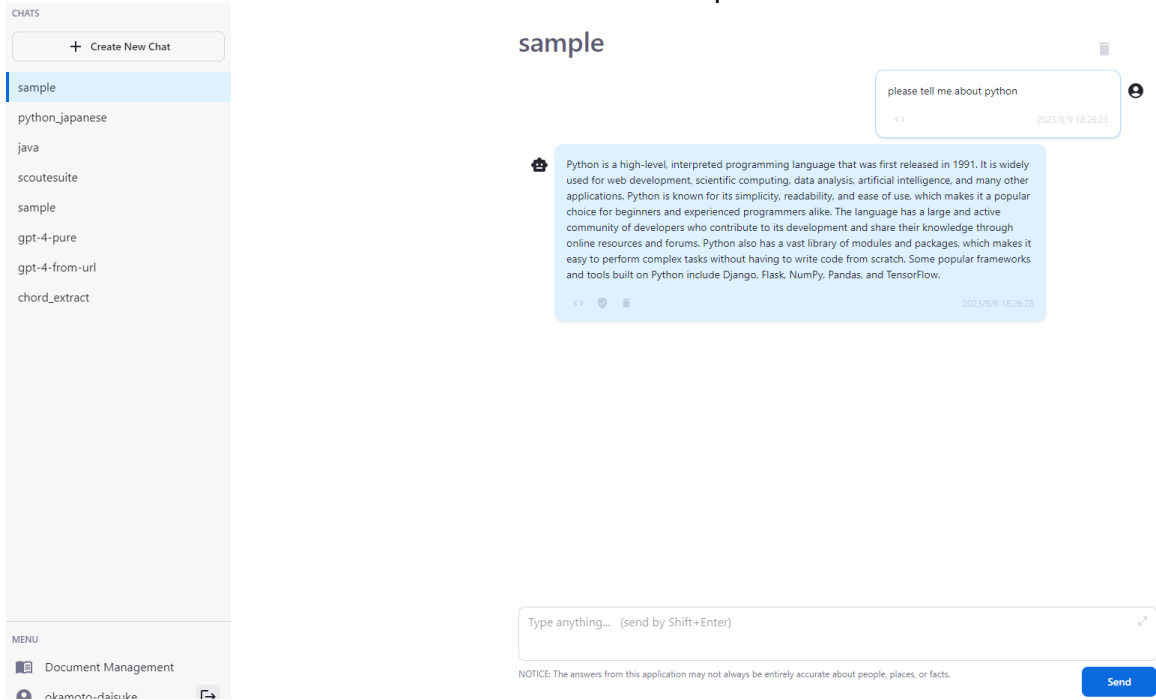
You can confirm the documents included in a collection by clicking the link button on the right of the collection.



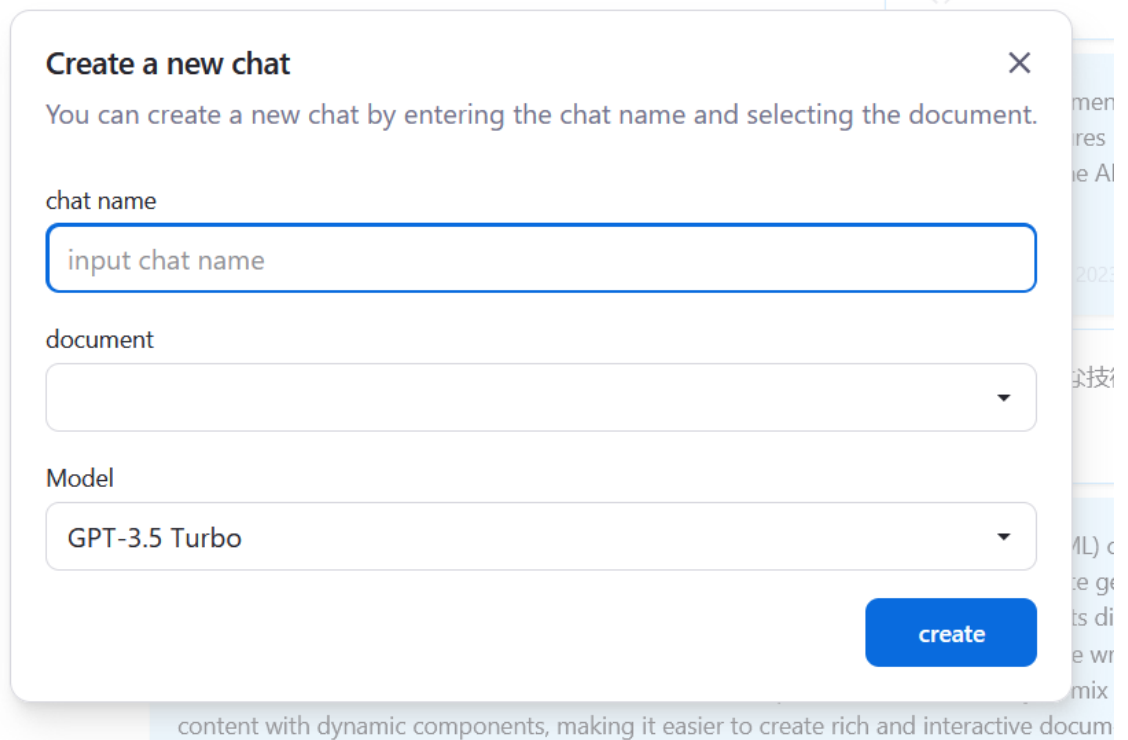
Even if a document is deleted, its content will not be lost from the collection that includes it. If you delete a document or collection, chats that reference them will no longer be able to continue the conversation. However, the chat history can still be viewed.

4. Creating a New Chat

1. Click on the 'Create New Chat' button at the top of the sidebar.



2. Set the chat name in the text input area.



3. If you want to have a chat referencing a document, select the relevant document from the dropdown menu.

Create a new chat ✕

You can create a new chat by entering the chat name and selecting the document.

chat name

input chat name

document

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- chatbots

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4. Select the language model to generate the response.

Create a new chat ✕

You can create a new chat by entering the chat name and selecting the document.

chat name

document

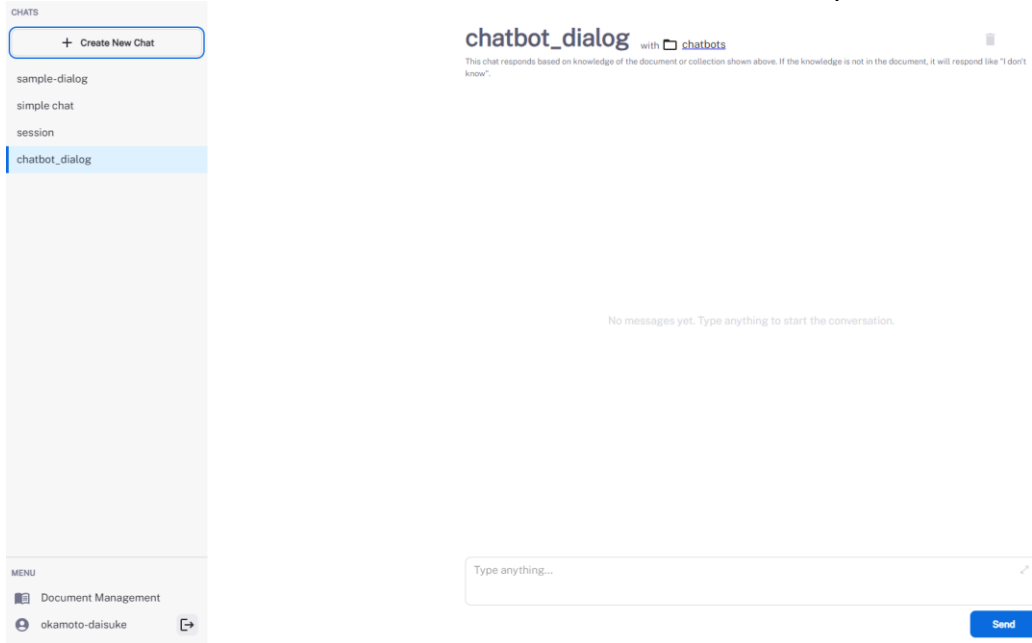
Model

GPT-3.5 Turbo ✕ ▲

- GPT-3.5 Turbo
- GPT-3.5 Turbo 16k
- GPT-4
- GPT-4 32k
- Titan Text G1 - Express

The grayed-out models cannot be used.

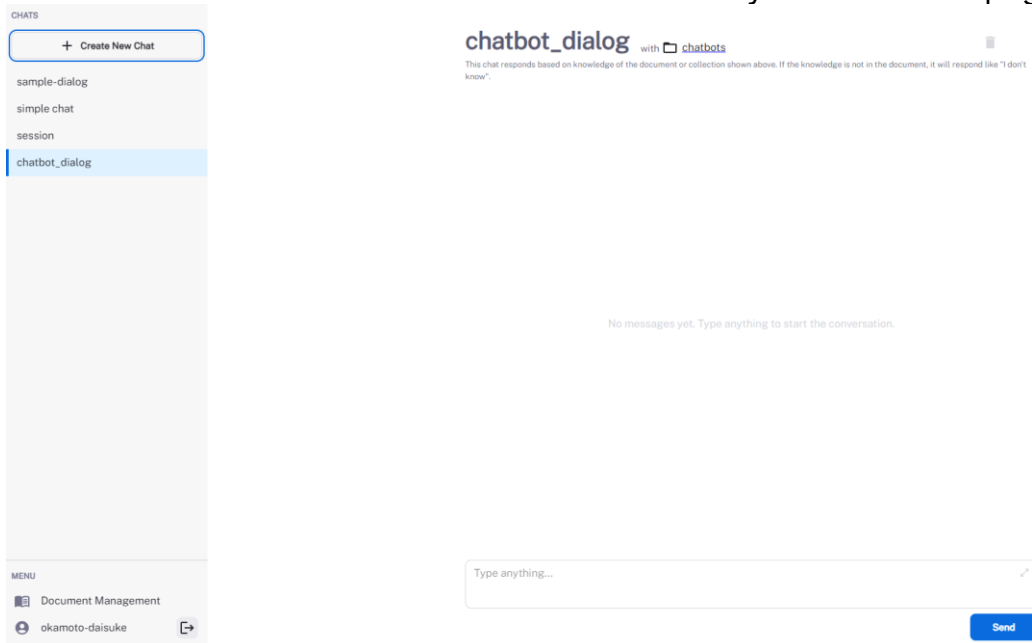
5. Click on the 'Create' button. The new chat screen will open.



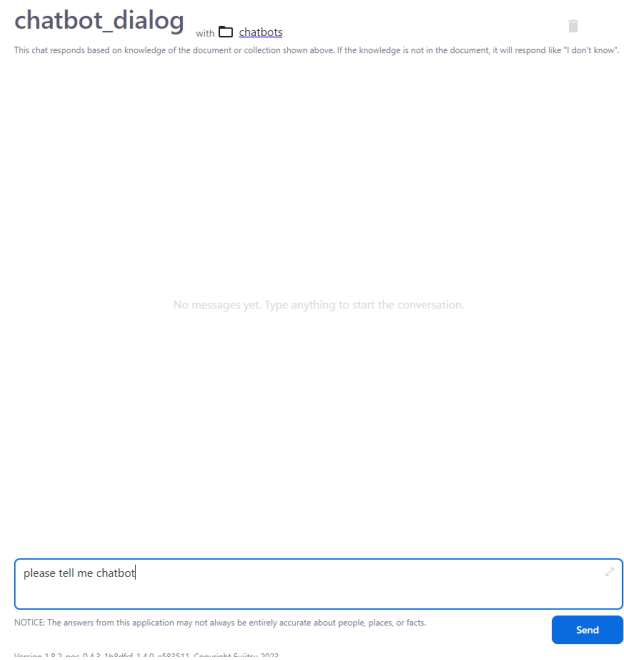
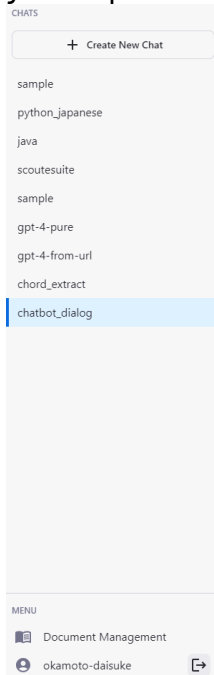
If the chat references a document, the document name will be displayed below the chat name. If it is a collection, a link button to the collection's detail page will be displayed.

5. Chatting

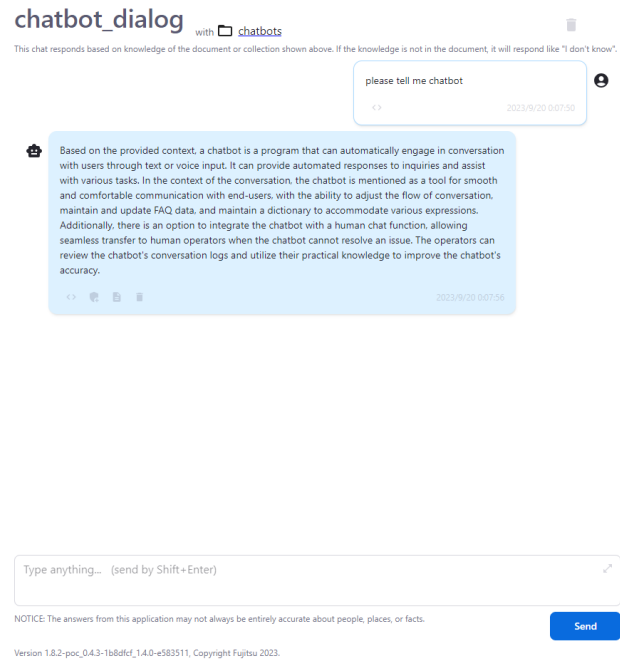
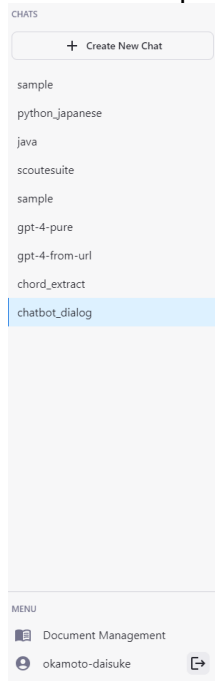
1. Click on the chat tab in the sidebar. This will take you to the chat page.



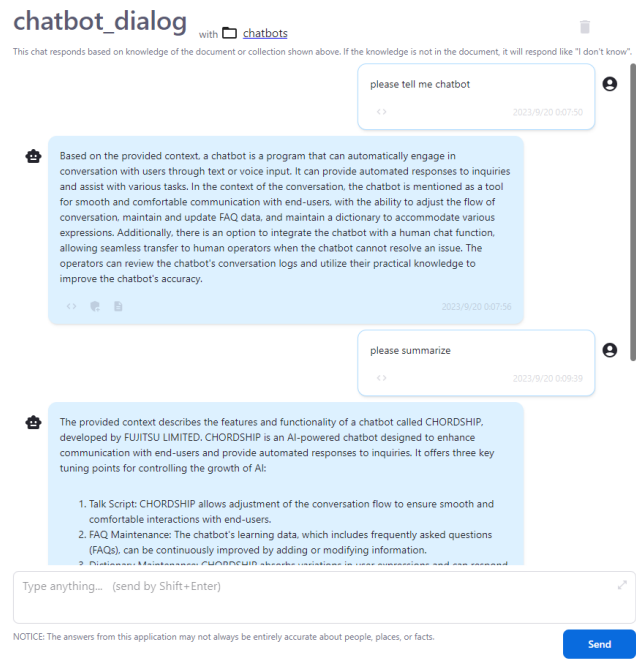
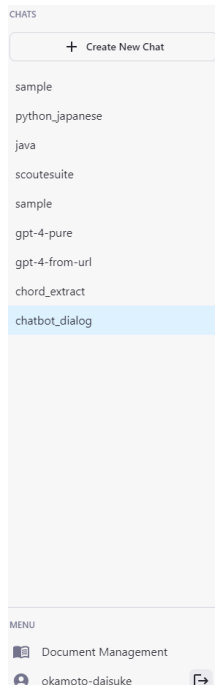
2. If there is already a conversation in the chat, the chat history will be loaded. If not, you can start a new conversation.
3. To chat with the AI, enter your question or statement in the text input area at the bottom of the chat page. Click the 'Send' button to submit your input.



4. The AI's response will be displayed.



5. You can continue the chat even after the AI's response.



6. The icons at the bottom left of the conversation window can be used for the following:



Based on the provided context, a chatbot is a program that can automatically engage in conversation with users through text or voice input. It can provide automated responses to inquiries and assist with various tasks. In the context of the conversation, the chatbot is mentioned as a tool for smooth and comfortable communication with end-users, with the ability to adjust the flow of conversation, maintain and update FAQ data, and maintain a dictionary to accommodate various expressions. Additionally, there is an option to integrate the chatbot with a human chat function, allowing seamless transfer to human operators when the chatbot cannot resolve an issue. The operators can review the chatbot's conversation logs and utilize their practical knowledge to improve the chatbot's accuracy.



2023/9/20 0:07:56

The meanings of each icon are as follows:

- <> icon: Switch between text and markdown display
- Shield icon: call Hallucination Detection Feature
- Document icon: Display the reference location of the registered document that was used as the basis for the AI's answer

×

Referenced by Chat Message

実現する、富士通のAIチャットボットサービスです。①高いヒット率 AIエンジンの賢さ FAQ応答に最適化された独自開発のAIエンジンが言葉の揺らぎを吸収し、少量の学習データでも高いヒット率を実現します。トークシナリオで文意整理 ヒット率を高めるために、トークシナリオで絞り込みを行うことが可能です。カテゴリー選択、質問文の入力、回答候補の表示と、直感的な操作で効率的に正しい回答へ誘導します。ユーザーサポート機能 どのように質問・問合せすればよいか分からない場合に備えた機能として、質問文の入力途中で候補を表示する「サジェスト機能」、カテゴリ内のよく見られているFAQをランキングで表示させる「おすすめFAQ機能」等があります。②メンテナンス性 トークスクリプト 各々の機能を持ったアイコンをドラッグ&ドロップで載っただけで、ノンプログラミングで短期間にトークシナリオを作成できます。公開後の反応を見てTrialで&Errorで柔軟なシナリオ変更が可能です。類義語辞書 登録した学習データからAIが辞書を自動生成し（手動で追加することもできます）。AIが生成し

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とが可能です。 ■ オペレーターは、引き継ぎ時にチャットボットとの対話ログを確認し、スムーズに対応可能です。 ■ 有人チャットの実践知を蓄積し、チャットボットへ活用することで正答率を向上させます。チャットでの問合せユーザー 自動回答（問合せ、手続き案内） AIチャットボットチャットボット（自動応答）（自動応答） ○ △ △ 未解決時に 接続 有人チャット 有人チャット（オペレーター）（オペレーター） AI 実践知 オペレーター回答（例外対応、高難度相談） 活用 精査・蓄積 ナレッジベース ※オペレーターは貴社担当者様にて実施。もしくは弊社BPOサービスをご用意しております。 16 Copyright 2017-2021 FUJITSU LIMITED オプション機能 SNS連携 ■ エンドユーザーの利用率が高いLINEを新たなチャネルとして取り込むことで大幅なアクセス増加が期待できます。また、「友だち登録」により顧客情報を分析・活用したり、チャットログの分析から個人の属性を特定したアプローチを検討することができます。画像を添付 正確な情報 馴染みのあるアプリで 問合せの障壁が少ない 顧客情報 エンドユーザー 顧客情報の収集・活用 管理音・的確な回答・情報発信 LINEチャット画面から

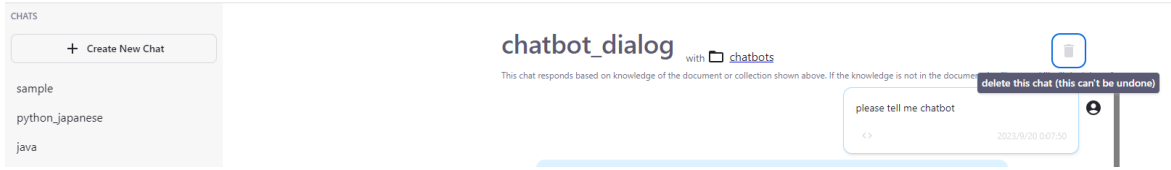
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D Copyright 2017-2021 FUJITSU LIMITED インターフェース For Company 3つのチューニングポイントでAIの成長を臨機応変にコントロール Company 1. トークスクリプト エンドユーザーとの会話がスムーズで快適なものになるよう会話の流れを調整できます。 2. FAQメンテナンス チャットボットの学習データであるFAQを追加・修正することで、どんどん賢くすることができます。 3. 辞書メンテナンス エンドユーザーの言葉の揺らぎを吸収し、様々な言い回しに対応できるようにします。 14 Copyright 2017-2021 FUJITSU LIMITED Copyright 2017-2021 FUJITSU LIMITED 03 オプション機能 15 15 Copyright 2017-2021 FUJITSU LIMITED Copyright 2017-2021 FUJITSU LIMITED オプション機能 有人チャット連携機能 ■ チャットボットだけで解決できない場合は、有人オペレーター(※)へ引き継ぐことが可能です。 ■ オペレーターは、引き継ぎ時にチャットボットとの対話ログを確認し、スムーズに対応可能です。 ■ 有人チャットの実践知を蓄積し、チャットボットへ活用することで正答率を向上させます。

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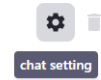
用が期待されています。 ボット [bot] チャットボット [chatbot] 「ロボット」の略称。人がコンピューターを用いた作業を自動的に実行するプログラム。 作業 作業 チャット [chat] 人が入力したテキストや音声に対して、会話を自動的に行うプログラム。 2 Copyright 2017-2021 FUJITSU LIMITED CHORDSHIPの概要 コンタクトセンターの課題 近年のライフスタイルやサービスチャネルの多様化に伴って変化するエンドユーザーからの問合せに対し、サービスや商品を提供する企業側の課題も顕在化しつつあり、コンタクトセンターでは継続的な顧客満足度向上に向けた施策が求められています。 End-User ユーザーの変化 Company 企業様の課題 ライフスタイルの変化 サービス利用拡大に伴う対応コストの増加 サービスチャネルの多様化 オペレーターの離職率増 ・人材確保 問合せ内容の多様化多様化する問合せに対応できる人材の育成多様化する

- Trash button: Delete the last conversation
7. If you want to delete the chat itself, you can do so by clicking the trash button next to the chat title.



8. You can change chat settings from the gear icon 'chat setting'.

test



No messages yet. Type anything to start the conversation.

Type anything... (send by Shift+Enter)

NOTICE: The answers from this application may not always be entirely accurate about people, places, or facts.

Send

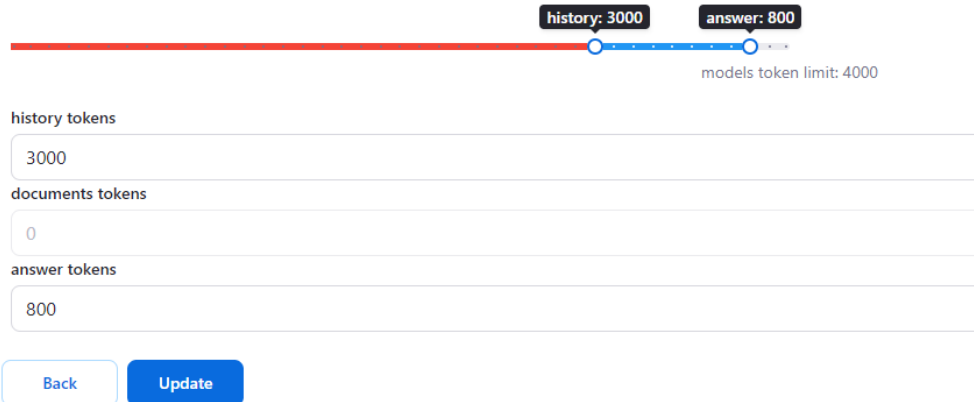
8.1. Tokens Budget

You can adjust the tokens used by the AI model.

test setting

Tokens Budget

You can allocate the token budget to chat history, documents (if any), and tokens that the AI will generate, all within the maximum limits of the model. The remainder can be used for your own statements.



A slider interface for setting token budgets. A red horizontal line represents the total token limit of 4000. Two blue circles on the slider indicate the current settings: 'history: 3000' and 'answer: 800'. Below the slider are three input fields: 'history tokens' with the value 3000, 'documents tokens' with the value 0, and 'answer tokens' with the value 800. At the bottom are 'Back' and 'Update' buttons.

models token limit: 4000

history tokens
3000

documents tokens
0

answer tokens
800

Back Update

The following items can be set.

- history tokens: Maximum token used to reference conversation history in chat
- documents tokens: Maximum token used to reference documents
- answer tokens: Maximum token used to generate answer

Both of them limit the maximum number of tokens that can be used. For example, even if you set 1000 for the answer tokens, it does not guarantee an output of 1000 tokens.

6. Hallucination Detection Feature

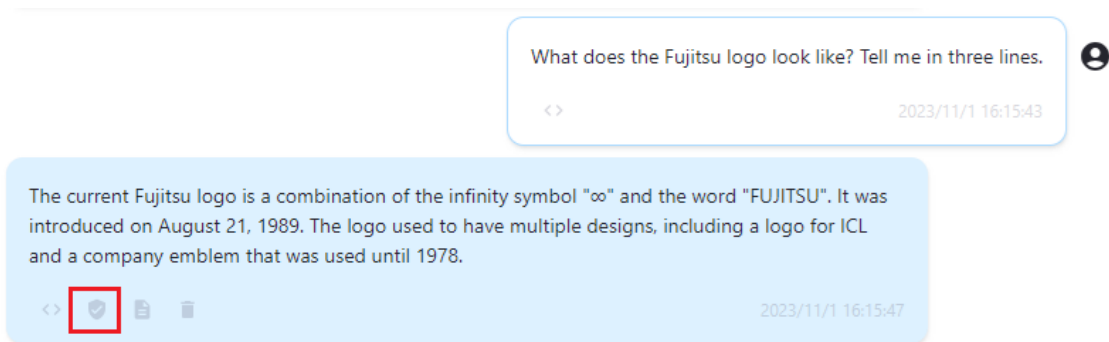
The hallucination detection feature can detect **Hallucinations** (plausible lies not based on data) in sentences answered by the Conversational Generative AI.

- If hallucinations are detected, the feature calculates an indicator called the **hallucination score** based on the intensity or amount of hallucinations.
- The closer the hallucination score is to 100, the more likely it is that the answers contain lies. (Although the hallucination detection function itself may be inadequate or inaccurate).
- Please use this feature to determine whether or not to confirm facts using reliable information sources.

How to use

1. Open the dialog

When you press **the button with the shield icon** at the bottom of the answer frame you want to detect, the dialog for detecting the hallucination opens.



(* "including a logo for ICL" in the above answer is a hallucination.)

2. Select a function

Select one of the three hallucination detection functions on the Hallucination tab (cf. within the red frame in the following figure).

- Each hallucination detection function has different granularity, method, and use cases.

"Majority vote for entire answer" function:

- **Granularity/Method)** This function attempts to detect hallucinations from the entire answer passage based on a majority vote, and displays the hallucination score and the majority vote result.
 - The more unrelated or contradictory the answer passage is to the majority opinions, the higher the hallucination score.
 - If it detects hallucinations, it displays the new answer passage with the hallucinations removed or mitigated.
- **Use cases)** While this function is the fastest, the coarse granularity, so it is suitable for situations where you want to...
 - "quickly check for severe hallucinations"
 - "find hallucinations across multiple sentences"

"Majority vote for key phrases in answer" function:

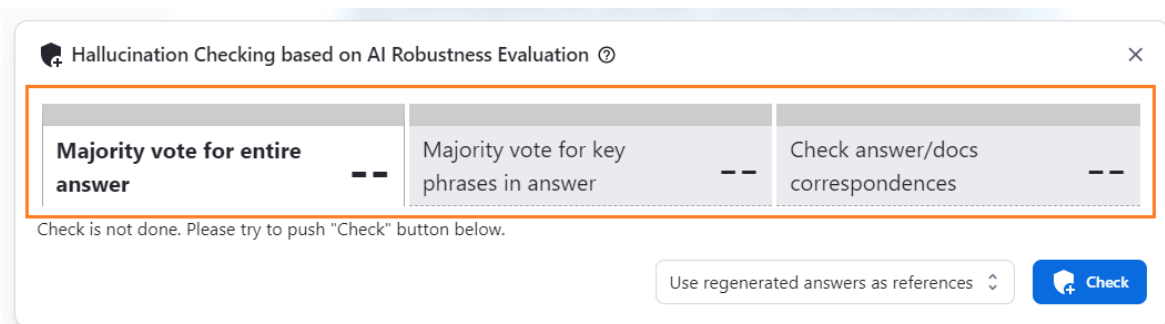
- **Granularity/Method)** This function attempts to detect hallucinations from key phrases in each sentence of the answer based on majority

votes, and displays the hallucination score and the majority vote results for each sentence.

- The more unrelated or contradictory the answer sentence is to the majority opinions, the higher the hallucination score.
- If it detects hallucinations, it displays each new answer sentence with the hallucinations removed or mitigated.
- The tab shows the overall average of each hallucination score.
- **Use cases)** While this function is the slowest, the fine granularity, so it is suitable for situations where you want to...
 - "check each sentence for narrow hallucinations"
 - "find hallucinations in key phrases such as person's names and eras"

"Check answer/docs correspondences" function:

- **This function is only available in chats that refer to documents.**
- **Granularity/Method)** This function matches the correspondences between the answer and the documents on a sentence-by-sentence basis, and displays the hallucination score and the existence of correspondence for each sentence.
 - The more unrelated or contradictory the answer sentence is to the document, the higher the hallucination score.
 - However, removal or mitigation of hallucinations is not implemented.
 - The tab shows the overall average of each hallucination score.
- **Use cases)** Because this function directly compares with the documents, it is suitable for situations where you want to...
 - "check if there are any answer sentences that are not mentioned in any of the documents"
 - "find sentences in the documents that correspond to the answer sentences"



3. Select an option

Select one of the hallucination detection options from the select box at the bottom of the dialog (cf. within the red frame in the following figure).

- This option sets the type of **references** to compare with the answer for hallucination detection.

“Use regenerated answers as references” option:

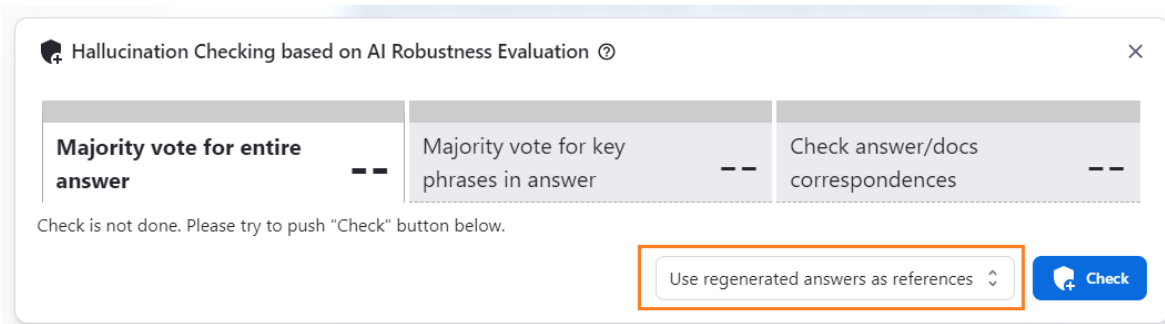
- A detector uses the another answers obtained by asking the same question to the Conversational AI again as the references for comparison.
- This option is only available when using the “Majority vote on entire answer” function.

“Use document chunks as references” option:

- A detector uses the document chunks that the Conversational AI referred to during the chat as references for comparison.
- This option is only available in chats that refer to documents when using the “Majority vote focusing on key phrases” or “Check answer/docs correspondences” functions.

“No references” option:

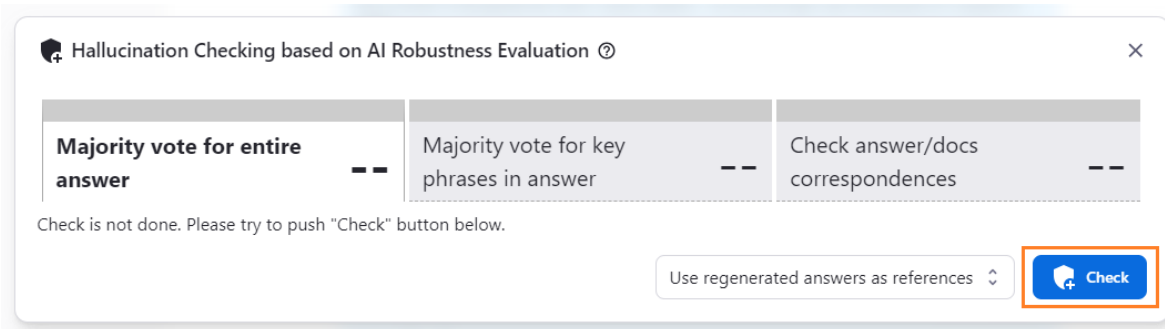
- A detector does not use any references, but only it compares only with the knowledge held by the Conversational AI.
- This option is only available when using the “Majority vote focusing on key phrases” feature.



4. Start checking

When the **Check button** is pressed, the selected hallucination detection function is executed, and the hallucination detection result is displayed after several tens of seconds (cf. within the red frame in the following figure).

- However, the specific processing time varies depending on the selected function and the length of the answer.
- If the previous hallucination detection result is to be overwritten, **Recheck button** will appear instead.



How to read detection results

Hallucination Score

The number displayed on the tab and chips at the beginning of each sentence are the **hallucination scores** assigned to the entire answer passage and each sentence.

- Taking a value from 0 to 100, a value closer to 100 indicates a greater intensity or amount of hallucinations in the answer.
- The color of the tab and chips changes according to the hallucination scores. Blue corresponds to 0, gray to 50, and red to 100.
- However, for answers that cannot be detected for hallucinations, such as greetings and apologies, the hallucination score remains "--" and the tab and chips are displayed in black.

"Majority vote on entire answer" function

EXPLANATION is the reason for calculating the hallucination score. The result of the majority vote is displayed as the calculation reason.


MITIGATED ANSWER is the new answer passage after the hallucinations has been removed or mitigated.




- Basically, it is corrected to the opinion agreed upon by the majority.
- It is not inquired from an external database or the internet, so there is no guarantee that the corrected answer is a fact generally accepted.

CHECKED ANSWER is the answer passage that was the target of the hallucination detection. It is a reprint of the answer displayed on the chat screen.


- If the display area is folded, please press the  button at the end.

REFERENCE PASSAGES are other answer passages referred to when making a majority vote. The results of asking the Conversational AI to re-answer in the same context three times are displayed.



- If the display area is folded, please press the  button at the end.

 Hallucination Checking based on AI Robustness Evaluation  



Majority vote for entire answer	50	Majority vote for key phrases in answer	28	Check answer/docs correspondences	66
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EXPLANATION 



- Answer claims that the current Fujitsu logo is a combination of the infinity symbol "∞" and the word "FUJITSU". It was introduced on August 21, 1989. The logo used to have multiple designs, including a logo for ICL and a company emblem that was used until 1978.
- The claim about the current Fujitsu logo featuring the infinity symbol "∞" and the word "FUJITSU" is supported by all three opinions.
- The claim about the logo being introduced on August 21, 1989 is supported by two out of three opinions.
- The claim about the logo used to have multiple designs is supported by two out of three opinions.
- The claim about the logo including a logo for ICL and a company emblem used until 1978 is not supported by any of the opinions.
- The claims about the current Fujitsu logo and its introduction date are supported, but the claim about the logo having multiple designs and including a logo for ICL and a company emblem used until 1978 is not supported. Therefore, the Hallucination Score is medium.

MITIGATED ANSWER  



- The current Fujitsu logo is a combination of the infinity symbol "∞" and the word "FUJITSU". It was introduced on August 21, 1989.

CHECKED ANSWER  

- The current Fujitsu logo is a combination of the infinity symbol "∞" and the word "FUJITSU". It was introduced on August 21, 1989. The logo used to have multiple designs, including a logo for ICL and a company emblem that was used until 1978.

REFERENCE PASSAGES  

- The current Fujitsu logo features the infinity symbol "∞" with the word "FUJITSU" written next to it. It was introduced in 1989 and replaced previous logos, including a previous emblem that featured the letters "f" and "s" inside a circle.
- The current Fujitsu logo features the infinity symbol "∞" with the word "FUJITSU" written beside it. The logo was introduced on August 21, 1989, and has a simple and modern design. The previous logos included a company emblem used until 1978 that combined the letters "f" and "s" inside a circle, similar to

Use regenerated answers as references   Recheck

"Majority vote focusing on key phrases" function

SCORE AND EXPLANATION FOR EACH CHECKED SENTENCE is the hallucination score and calculation reason for each sentence.

- The result of the majority vote for each key phrase is displayed as the calculation reason.
- If hallucinations are detected, each new sentence with the hallucinations removed or mitigated is displayed under **"Hallucination mitigation"**.

- Basically, it is corrected to the opinion agreed upon by the majority.
- It is not inquired from an external database or the internet, so there is no guarantee that the corrected answer is a fact generally accepted.

REFERENCE PASSAGES are document chunks that are referenced when a majority vote is taken on key phrases.

- It is only displayed if the option "Use document chunks as references" is selected.
- If the display area is folded, please press the ▼ button at the end.

Hallucination Checking based on AI Robustness Evaluation

Majority vote for entire answer	50	Majority vote for key phrases in answer	28	Check answer/docs correspondences	66
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SCORE AND EXPLANATION FOR EACH CHECKED SENTENCE

0 The current Fujitsu logo is a combination of the infinity symbol "∞" and the word "FUJITSU".

- Answer claims that the current Fujitsu logo is a combination of the infinity symbol "∞" and the word "FUJITSU".
- All the other opinions state that the current Fujitsu logo is a combination of the infinity symbol and the word "FUJITSU". Therefore, "Other Opinions" fully supports the atomic claims in "Answer".
- The claims in "Answer" are fully supported by "Other Opinions", so the Hallucination Score is low.

[Hallucination mitigation]

- The current Fujitsu logo is a combination of the infinity symbol "∞" and the word "FUJITSU".

25 It was introduced on August 21, 1989.

- Answer claims that it was introduced on "August 21, 1989".
- The claim "August 21, 1989" in Answer is supported by the majority opinion "August 21, 1989" in Other Opinions.
- The claim "August" in Answer is supported by the majority opinion "August" in Other Opinions.
- The claim "21st" in Answer is not supported by any opinion in Other Opinions.
- The claim "August 21, 1989" in Answer is supported by the majority opinion, but the claim "21st" is not supported. Therefore, the Hallucination Score is somewhat low.

[Hallucination mitigation]

- It was introduced on August 21, 1989.

60 The logo used to have multiple designs, including a logo for ICL and a company emblem that was used until 1978.

- Answer claims that the logo used to have "multiple designs".
- Answer claims that one of the designs was a "logo for ICL".
- Answer claims that another design was a "company emblem".
- Answer claims that these designs were used until "1978".
- The claim that the logo used to have "multiple designs" is supported by the majority opinion "the logo used to have 'various designs'".
- The claim that one of the designs was a "logo for ICL" is not directly supported by any of the other opinions.
- The claim that another design was a "company emblem" is supported by the majority opinion "the logo used to have 'emblem'".
- The claim that these designs were used until "1978" is not directly supported by any of the other opinions.
- The claim that the logo used to have "multiple designs" is somewhat supported by the majority opinion.
- The claim that one of the designs was a "logo for ICL" is not supported by any of the other opinions.
- The claim that another design was a "company emblem" is somewhat supported by the majority opinion.
- The claim that these designs were used until "1978" is not supported by any of the other opinions.
- Overall, the Hallucination Score is somewhat high due to the lack of support for some of the claims.

[Hallucination mitigation]

- The logo used to have various designs, including an emblem and a logo that was used until 1989.

REFERENCE PASSAGES

独立し、1967年に商号を1978年まで使用されていた社章は、親会社だった富士電機と同様に○の中に小文字アルファベットの“f”と“s”を組み合わせたものである [A] [B] 1989年8月21日にロゴマークを現在使われている無限大のマーク「∞」を冠した“FUJITSU”に変更 [10] 1972年頃から使用されていた [C] [D] [E] [F] [G] [H] [I] [J] [K] [L] [M] [N] [O] [P] [Q] [R] [S] [T] [U] [V] [W] [X] [Y] [Z] [AA] [AB] [AC] [AD] [AE] [AF] [AG] [AH] [AI] [AJ] [AK] [AL] [AM] [AN] [AO] [AP] [AQ] [AR] [AS] [AT] [AU] [AV] [AW] [AX] [AY] [AZ] [BA] [BB] [BC] [BD] [BE] [BF] [BG] [BH] [BI] [BJ] [BK] [BL] [BM] [BN] [BO] [BP] [BQ] [BR] [BS] [BT] [BU] [BV] [BW] [BX] [BY] [BZ] [CA] [CB] [CC] [CD] [CE] [CF] [CG] [CH] [CI] [CJ] [CK] [CL] [CM] [CN] [CO] [CP] [CQ] [CR] [CS] [CT] [CU] [CV] [CW] [CX] [CY] [CZ] [DA] [DB] [DC] [DD] [DE] [DF] [DG] [DH] [DI] [DJ] [DK] [DL] [DM] [DN] [DO] [DP] [DQ] [DR] [DS] [DT] [DU] [DV] [DW] [DX] [DY] [DZ] [EA] [EB] [EC] [ED] [EE] [EF] [EG] [EH] [EI] [EJ] [EK] [EL] [EM] [EN] [EO] [EP] [EQ] [ER] [ES] [ET] [EU] [EV] [EW] [EX] [EY] [EZ] [FA] [FB] [FC] [FD] [FE] [FF] [FG] [FH] [FI] [FJ] [FK] [FL] [FM] [FN] [FO] [FP] [FQ] [FR] [FS] [FT] [FU] [FV] [FW] [FX] [FY] [FZ] [GA] [GB] [GC] [GD] [GE] [GF] [GG] [GH] [GI] [GJ] [GK] [GL] [GM] [GN] [GO] [GP] [GQ] [GR] [GS] [GT] [GU] [GV] [GW] [GX] [GY] [GZ] [HA] [HB] [HC] [HD] [HE] [HF] [HG] [HH] [HI] [HJ] [HK] [HL] [HM] [HN] [HO] [HP] [HQ] [HR] [HS] [HT] [HU] [HV] [HW] [HX] [HY] [HZ] [IA] [IB] [IC] [ID] [IE] [IF] [IG] [IH] [II] [IJ] [IK] [IL] [IM] [IN] [IO] [IP] [IQ] [IR] [IS] [IT] [IU] [IV] [IW] [IX] [IY] [IZ] [JA] [JB] [JC] [JD] [JE] [JF] [JG] [JH] [JI] [JJ] [JK] [JL] [JM] [JN] [JO] [JP] [JQ] [JR] [JS] [JT] [JU] [JV] [JW] [JX] [JY] [JZ] [KA] [KB] [KC] [KD] [KE] [KF] [KG] [KH] [KI] [KJ] [KK] [KL] [KM] [KN] [KO] [KP] [KQ] [KR] [KS] [KT] [KU] [KV] [KW] [KX] [KY] [KZ] [LA] [LB] [LC] [LD] [LE] [LF] [LG] [LH] [LI] [LJ] [LK] [LL] [LM] [LN] [LO] [LP] [LQ] [LR] [LS] [LT] [LU] [LV] [LW] [LX] [LY] [LZ] [MA] [MB] [MC] [MD] [ME] [MF] [MG] [MH] [MI] [MJ] [MK] [ML] [MN] [MO] [MP] [MQ] [MR] [MS] [MT] [MU] [MV] [MW] [MX] [MY] [MZ] [NA] [NB] [NC] [ND] [NE] [NF] [NG] [NH] [NI] [NJ] [NK] [NL] [NM] [NO] [NP] [NQ] [NR] [NS] [NT] [NU] [NV] [NW] [NX] [NY] [NZ] [OA] [OB] [OC] [OD] [OE] [OF] [OG] [OH] [OI] [OJ] [OK] [OL] [OM] [ON] [OO] [OP] [OQ] [OR] [OS] [OT] [OU] [OV] [OW] [OX] [OY] [OZ] [PA] [PB] [PC] [PD] [PE] [PF] [PG] [PH] [PI] [PJ] [PK] [PL] [PM] [PN] [PO] [PP] [PQ] [PR] [PS] [PT] [PU] [PV] [PW] [PX] [PY] [PZ] [QA] [QB] [QC] [QD] [QE] [QF] [QG] [QH] [QI] [QJ] [QK] [QL] [QM] [QN] [QO] [QP] [QQ] [QR] [QS] [QT] [QU] [QV] [QW] [QX] [QY] [QZ] [RA] [RB] [RC] [RD] [RE] [RF] [RG] [RH] [RI] [RJ] [RK] [RL] [RM] [RN] [RO] [RP] [RQ] [RR] [RS] [RT] [RU] [RV] [RW] [RX] [RY] [RZ] [SA] [SB] [SC] [SD] [SE] [SF] [SG] [SH] [SI] [SJ] [SK] [SL] [SM] [SN] [SO] [SP] [SQ] [SR] [SS] [ST] [SU] [SV] [SW] [SX] [SY] [SZ] [TA] [TB] [TC] [TD] [TE] [TF] [TG] [TH] [TI] [TJ] [TK] [TL] [TM] [TN] [TO] [TP] [TQ] [TR] [TS] [TT] [TU] [TV] [TW] [TX] [TY] [TZ] [UA] [UB] [UC] [UD] [UE] [UF] [UG] [UH] [UI] [UJ] [UK] [UL] [UM] [UN] [UO] [UP] [UQ] [UR] [US] [UT] [UU] [UV] [UW] [UX] [UY] [UZ] [VA] [VB] [VC] [VD] [VE] [VF] [VG] [VH] [VI] [VJ] [VK] [VL] [VM] [VN] [VO] [VP] [VQ] [VR] [VS] [VT] [VU] [VV] [VW] [VX] [VY] [VZ] [WA] [WB] [WC] [WD] [WE] [WF] [WG] [WH] [WI] [WJ] [WK] [WL] [WM] [WN] [WO] [WP] [WQ] [WR] [WS] [WT] [WU] [WV] [WW] [WX] [WY] [WZ] [XA] [XB] [XC] [XD] [XE] [XF] [XG] [XH] [XI] [XJ] [XK] [XL] [XM] [XN] [XO] [XP] [XQ] [XR] [XS] [XT] [XU] [XV] [XW] [XX] [XY] [XZ] [YA] [YB] [YC] [YD] [YE] [YF] [YG] [YH] [YI] [YJ] [YK] [YL] [YM] [YN] [YO] [YP] [YQ] [YR] [YS] [YT] [YU] [YV] [YW] [YX] [YY] [YZ] [ZA] [ZB] [ZC] [ZD] [ZE] [ZF] [ZG] [ZH] [ZI] [ZJ] [ZK] [ZL] [ZM] [ZN] [ZO] [ZP] [ZQ] [ZR] [ZS] [ZT] [ZU] [ZV] [ZW] [ZX] [ZY] [ZZ]

Use document chunks as references Recheck


(* Answers were given in English with reference to Japanese documents.)

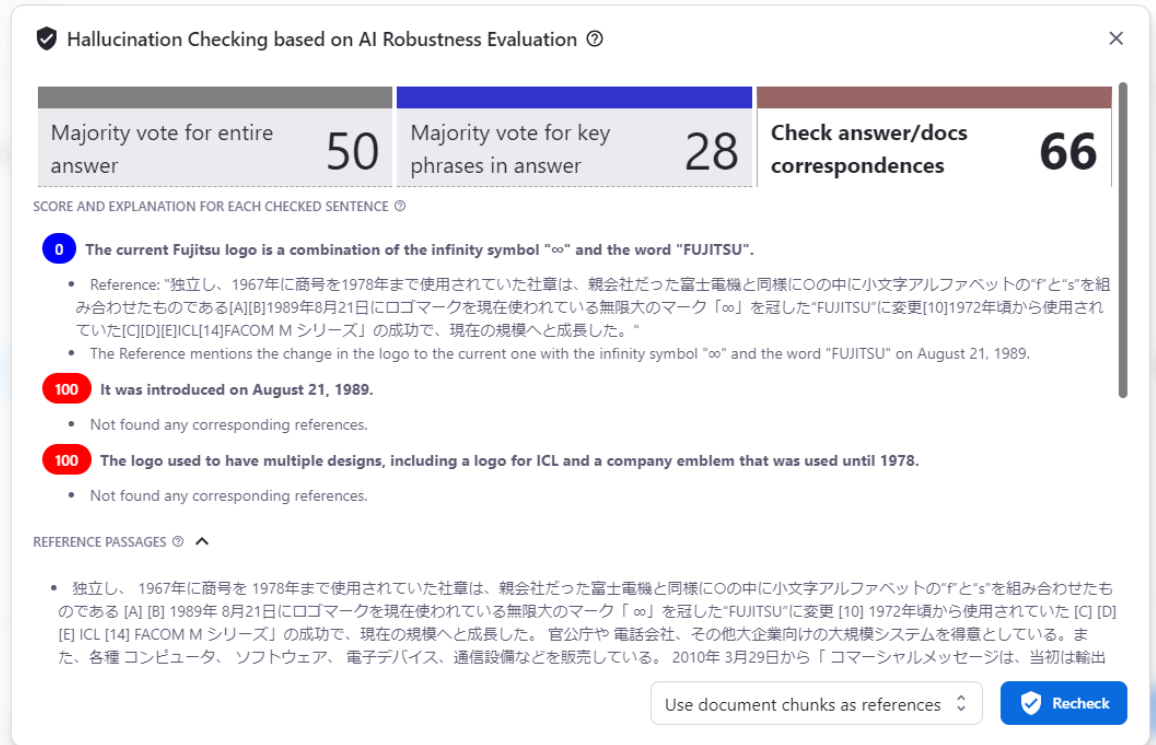
"Check answer/docs correspondences" function

SCORE AND EXPLANATION FOR EACH CHECKED SENTENCE is the hallucination score and calculation reason for each sentence.

- The sentence in the document that had a correspondence with the answer sentence and its relationship are displayed as the calculation reason.

REFERENCE PASSAGES are document chunks referred to when checking the correspondence.

- If the display area is folded, please press the  button at the end.



Hallucination Checking based on AI Robustness Evaluation

Majority vote for entire answer	50	Majority vote for key phrases in answer	28	Check answer/docs correspondences	66
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SCORE AND EXPLANATION FOR EACH CHECKED SENTENCE

- 0** The current Fujitsu logo is a combination of the infinity symbol "∞" and the word "FUJITSU".
 - Reference: "独立し、1967年に商号を1978年まで使用されていた社は、親会社だった富士電機と同様に○の中に小文字アルファベットの"fと"sを組み合わせたものである[A][B]1989年8月21日にロゴマークを現在使われている無限大のマーク「∞」を冠した"FUJITSU"に変更[10]1972年頃から使用されていた[C][D][E]ICL[14]FACOM M シリーズ」の成功で、現在の規模へと成長した。"
 - The Reference mentions the change in the logo to the current one with the infinity symbol "∞" and the word "FUJITSU" on August 21, 1989.
- 100** It was introduced on August 21, 1989.
 - Not found any corresponding references.
- 100** The logo used to have multiple designs, including a logo for ICL and a company emblem that was used until 1978.
 - Not found any corresponding references.

REFERENCE PASSAGES

- 独立し、1967年に商号を1978年まで使用されていた社は、親会社だった富士電機と同様に○の中に小文字アルファベットの"fと"sを組み合わせたものである [A] [B] 1989年8月21日にロゴマークを現在使われている無限大のマーク「∞」を冠した"FUJITSU"に変更 [10] 1972年頃から使用されていた [C] [D] [E] ICL [14] FACOM M シリーズ」の成功で、現在の規模へと成長した。官公庁や電話会社、その他大企業向けの大規模システムを得意としている。また、各種コンピュータ、ソフトウェア、電子デバイス、通信設備などを販売している。2010年3月29日から「コマーシャルメッセージは、当初は輸出

Use document chunks as references | **Recheck**

(* Answers were given in English with reference to Japanese documents.)

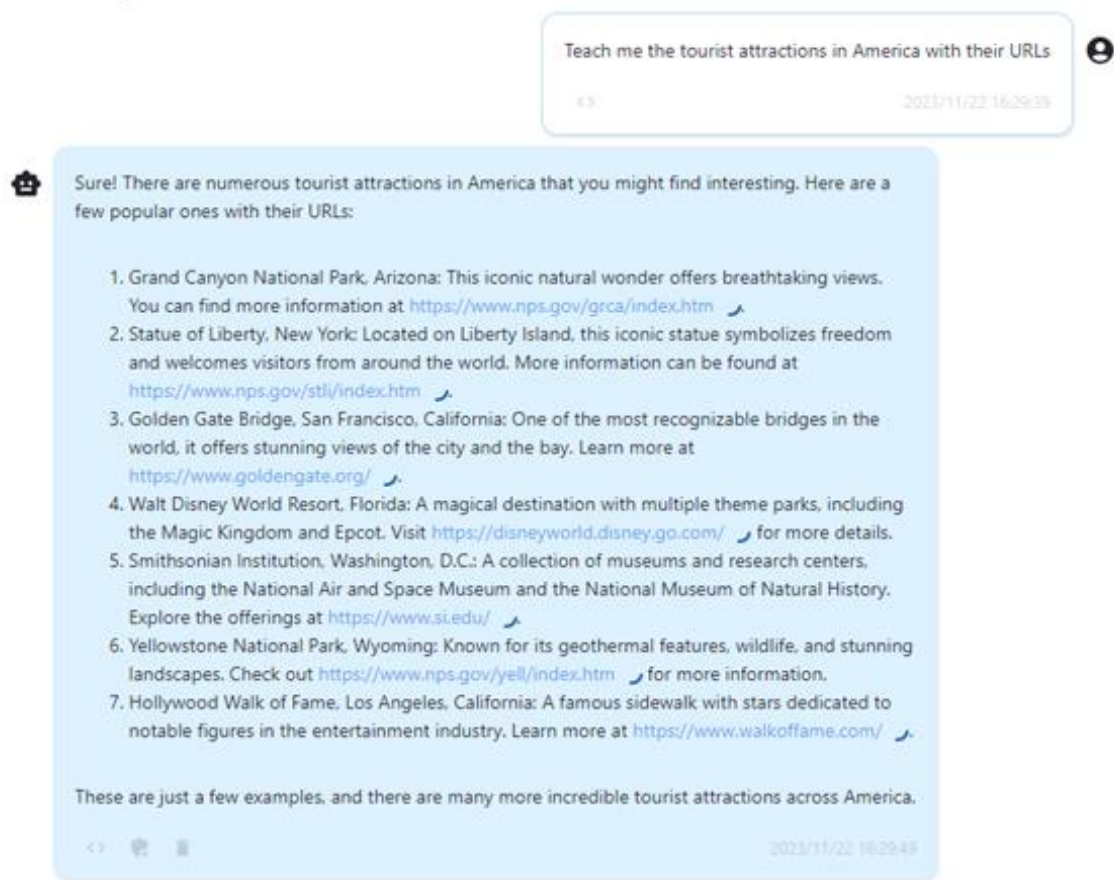
7. Phishing URL Detection Feature

The phishing URL detection feature determines whether the URL in the interaction text with the interactive AI is the URL of a site created by a malicious attacker to steal information (phishing URL) and presents it. If a phishing URLs are detected, exclamation marks (!) are displayed and the URL cannot be clicked. You can use interactive AI with highly confidence.

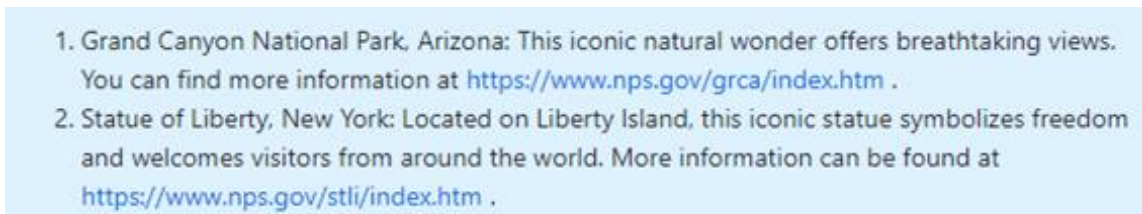
How to use

Basic Feature

1. This feature basically works automatically. When URLs appear during an interaction, it determines whether each URL is a phishing URL.



2. If the URL is not dangerous, it will be displayed as a link.

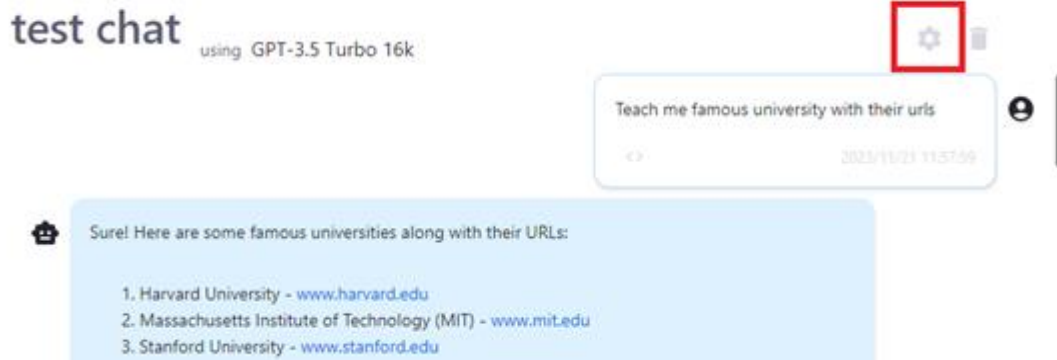


3. If the URL have high possibility to phishing URL, an exclamation mark will appear next to the URL and you will not be able to click on it.



Correction function for URL judgment result

If the security of a URL that judged as a phishing URL is confirmed, you can correct the judgment result. 1. Click the mark “chat setting” in the upper right corner of the window.



2. In the “checked URLs” section, select the URL whose safety has been verified from UNSAFE URLs.

checked URLs

If you confirm the safety of the URLs, you can correct the judgment result moving these URLs to SAFE URL box. This Safety list is valid for this chat only.

SAFE URL

<https://www.mit.edu/>

<https://www.harvard.edu/>

<https://www.stanford.edu/>

▲ ▼

UNSAFE URL

<https://www.testabc.def.ghi.com>

3. Move it to “SAFE URL” with the UP button.

checked URLs

If you confirm the safety of the URLs, you can correct the judgment result moving these URLs to SAFE URLs box. This Safety list is valid for this chat only.

SAFE URLs

https://www.harvard.edu/
https://www.stanford.edu/
https://www.test.abc.def.ghi.com

UNSAFE URLs

4. When you click the "Update" button, the URL is registered as a secure URL and can be clicked.

Turn Phishing URL Detection ON or OFF

You can turn phishing URL detection ON and OFF in chat setting. Click the toggle button in the "enable phishing URL check" section to switch.

- ON state

enable phishing URL check

You can change the state of the Phishing URL feature enable or disable.



- OFF state

enable phishing URL check

You can change the state of the Phishing URL feature enable or disable.



8. Troubleshooting and FAQ

If you encounter any problems that you cannot solve, please contact our support team.

9. Exiting the Application

When you are finished using the application, you can exit by closing the web browser or the tab running the application.