UNBOX AI API Docs

Introduction

This document describes the API endpoints for the UNBOX AI service. The service is a RESTful API that provides a conversational interface to the UNBOX AI service.

It is a protected API. To access this protected API, you need to include a token in your request headers. The token should be provided under the key `x-m2m-token`.

Accessing the Protected API

To ensure secure access to this API, you must include an authentication token in your request headers. Follow the steps below to properly configure your request:

1. **Obtain the Token**: Ensure you have a valid token.

2. **Include the Token in the Request Header**: When making a request to the API, include the token in the header using the key `x-m2m-token`.

Example Request Using cURL

If you are using cURL to make the request, it would look something like this:

```
curl -X POST https://api.unboxurl.com/api-endpoint \
    -H "x-m2m-token: your-token-value" \
    -H "Content-Type: application/json"
```

General Response Format

Success Response

Sample

`200 OK`

```
{
  "response": "Here's an answer to your prompt",
  "conversation": "90ef2b52-877b-4bda-911e-9612a083tRgh"
}
```

> NB: The `conversation` field optional. Only present in responses to text only prompt

Error Response

Sample

```
{
    "status": 400,
    "error_message": "Image upload error: Invalid file"
}
```

Endpoints

AI Chatbot

POST : `/ai/chat`

Request: JSON

This endpoint handles conversation with AI chatbot. The request body should contain the following fields:

```
{
  "prompt": "how many cans of coca cola have been collected in Genk in summer 2023",
  "conversation": "90ef2b52-877b-4bda-911e-9612a083tRgh"
}
```

> NB: The `conversation` field is optional and is used to maintain the context of ongoing conversations. It should only be provided for follow-up interactions; otherwise, an error will be generated.

Response

The response will contain the following fields:

```
{
  "response": "Based on my sources, it appears that no cans of Coca-Cola were collected in Genk during the summer of 2023. Let's keep working together to ensure we recycle more and reduce litter!",
  "conversation": "90ef2b52-877b-4bda-911e-9612a083tRgh"
}
```

AI on image url

POST : `/ai`

Request: JSON

This endpoint handles image recognition. The request body should contain the following fields:

```
{
  "url": "https://example.com/sample-images/receipt.jpg",
  "prompt": "What image is this?"
}
```

Response

The response will contain the following fields:

```json
{
  "response": "The image shows a receipt from a store. It lists items that were purchased, along with their prices. The total amount paid is also displayed at the bottom of the receipt.",
}
```

AI on uploaded image file

POST : `/ai/upload`

Request: MultiPart Form

The request body should be a multipart/form-data containing the image file. The image file should be included in the `file` field of the form data.

- **file** (required): The image file to be uploaded and processed.
- **prompt** (required): The prompt to be used for processing the image.

Response

The response will contain the following fields:

```json
{
  "response": "The image shows a bottle of soda with its cap off, sitting next to a pile of toothpicks. There is also a piece of paper with the text \"WASTE BOTTLE CRAFT\" and an arrow pointing to the bottle. The background is blurred but appears to be a kitchen countertop.",
}
```