**SAPIENTBOT API Documentation**

This document provides details on the API endpoints available for SAPIENTBOT. These endpoints allow developers to interact with SAPIENTBOT, retrieve data, and manage bot features programmatically.

**Endpoints**

**1. /process\_command**

* **Method**: POST
* **Description**: Processes a user command sent to SAPIENTBOT and returns a response based on the command.
* **Request Body**:

json

Copy code

{

"command": "/help",

"user\_id": "123456789"

}

* **Response**:

json

Copy code

{

"status": "success",

"response": "Here are the commands you can use with SAPIENTBOT..."

}

**2. /get\_points**

* **Method**: GET
* **Description**: Retrieves the current engagement points of a specified user.
* **Request Parameters**:
  + user\_id (string): Unique identifier of the user.
* **Response**:

json

Copy code

{

"status": "success",

"points": 150

}

**3. /get\_profile**

* **Method**: GET
* **Description**: Provides the profile and engagement statistics of a specified user.
* **Request Parameters**:
  + user\_id (string): Unique identifier of the user.
* **Response**:

json

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{

"status": "success",

"profile": {

"user\_id": "123456789",

"points": 150,

"rank": 12,

"recent\_commands": ["/help", "/score", "/quiz"]

}

}

**4. /join\_leaderboard**

* **Method**: POST
* **Description**: Adds the specified user to the SAPIENTBOT leaderboard and interactive features.
* **Request Body**:

json

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{

"user\_id": "123456789"

}

* **Response**:

json

Copy code

{

"status": "success",

"message": "User added to the leaderboard."

}

**5. /leave\_leaderboard**

* **Method**: POST
* **Description**: Removes the specified user from the SAPIENTBOT leaderboard and interactive features.
* **Request Body**:

json

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{

"user\_id": "123456789"

}

* **Response**:

json

Copy code

{

"status": "success",

"message": "User removed from the leaderboard."

}

**6. /submit\_feedback**

* **Method**: POST
* **Description**: Allows users to submit feedback on SAPIENTBOT’s responses, marking them as “relevant” or “irrelevant.”
* **Request Body**:

json

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{

"user\_id": "123456789",

"feedback": "relevant"

}

* **Response**:

json

Copy code

{

"status": "success",

"message": "Thank you for your feedback!"

}

**7. /get\_leaderboard**

* **Method**: GET
* **Description**: Retrieves the top users on the leaderboard based on engagement points.
* **Request Parameters**:
  + top\_n (integer, optional): Number of top users to retrieve.
* **Response**:

json

Copy code

{

"status": "success",

"leaderboard": [

{"user\_id": "123456789", "points": 150},

{"user\_id": "987654321", "points": 140}

]

}

**8. /start\_quiz**

* **Method**: POST
* **Description**: Begins a quiz session for the specified user.
* **Request Body**:

json

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{

"user\_id": "123456789"

}

* **Response**:

json

Copy code

{

"status": "success",

"question": "What is the capital of France?"

}

**9. /answer\_quiz**

* **Method**: POST
* **Description**: Submits an answer for the current quiz question.
* **Request Body**:

json

Copy code

{

"user\_id": "123456789",

"answer": "Paris"

}

* **Response**:

json

Copy code

{

"status": "success",

"correct": true,

"message": "Correct answer! Next question is coming up..."

}

**Error Codes**

* **400**: Bad Request - Invalid input parameters.
* **401**: Unauthorized - User lacks the required permissions.
* **404**: Not Found - Requested resource or endpoint not found.
* **500**: Internal Server Error - An unexpected error occurred.

For further assistance, contact SAPIENTBOT’s API support team at api-support@example.com.