AI Chatbot Error Log Feature

Configurations · https://cbotai.shahrear.msf.bd/docs/ai-chatbot-error-log-feature/

Overview

The AI Chatbot Error Log Feature is designed to help developers and system administrators monitor, track, and troubleshoot errors that may occur during the operation of the AI chatbot. This documentation covers the primary components of the feature, including Sync Log, Error Log, Filter options, and Debug Mode.

Sync Log

The Sync Log provides A record of all the communications between the AI chatbot and its backend services. It captures successful transactions as well as any errors that arise during synchronization efforts. This log is crucial for diagnosing issues related to data retrieval or submission.

Key functionalities of the Sync Log:

- **Timestamp:** Each entry includes A precise timestamp for tracking occurrences.
- **Status Codes:** Indicate the success or failure of each operation.
- **Data Payload:** Details of the data being synced, allowing for quick identification of problematic entries.

Error Log

The Error Log captures exceptions and errors generated by the AI chatbot. This log is essential for in-depth debugging and resolving issues that arise during chatbot interactions, ensuring the service operates smoothly.

The Error Log includes:

- **Error Message:** A clear description of the error encountered.

- **Error Code:** An associated code for easier error categorization.
- **Location:** Specifies the file or module where the error occurred.
- **User Interaction:** Contextual information on user interactions that may have triggered the error.

Filter Options

The Filter feature allows users to sift through the logs and extract relevant information tailored to their specific troubleshooting needs. Users can filter logs based on various criteria:

- **Date Range:** Specify A start and end date to narrow down the log entries.
- **Error Severity:** Filter logs to show different severity levels, such as Info, Warning, Error, and Critical.
- **Module:** Isolate logs to A particular module within the AI chatbot for targeted analysis.

Debug Mode

Debug Mode is an advanced setting that, when enabled, provides detailed insight into the AI chatbot's operation. This mode can be particularly useful during development and testing phases.

Features of Debug Mode:

- **Verbose Logging:** Increases the verbosity of log entries, capturing more details about operations and interactions.
- **Step-by-Step Tracing:** Allows developers to trace the flow of execution through the chatbot's processes.
- **Real-Time Monitoring:** Provides real-time updates to the logs, facilitating immediate insights into ongoing interactions.

Conclusion

The AI Chatbot Error Log Feature is an indispensable tool for maintaining and improving the reliability of the chatbot service. By effectively utilizing the Sync Log, Error Log, Filter options, and Debug Mode, developers can enhance their ability to diagnose and rectify issues promptly.

Additional Resources

For further information, please refer to the following resources:

- Official Documentation
- Community Forum