**AI-Powered Children's Arabic Storytelling**

on Telegram

Workflow Overview

This workflow is designed to automatically generate an AI-based summary for WordPress posts, log the results in Google Sheets, and notify a Slack channel. The process includes:

1. **Trigger:**
   * **Manual Trigger:** The workflow is initiated manually by clicking "Test workflow" (or it can be triggered by other mechanisms in production).
2. **Text Classification:**
   * **Text Classifier Node:** An AI node classifies the content as either "summarized" or "not\_summarized". The node uses a system prompt to determine if the content already contains an AI-generated summary.
   * **OpenAI Chat Model Node:** Processes the content if it’s determined to be "not\_summarized".
3. **Content Processing:**
   * **Loop Over Items:** If multiple posts need processing, the workflow loops through each item.
   * **HTML to Markdown Node:** Converts the HTML content of the post into Markdown for easier processing by AI.
   * **AI Summarization:** An OpenAI Chat Model (e.g., GPT-4 Turbo) is used to generate a concise AI summary of the post. The summary is generated in HTML format with a specified structure, ensuring it begins and ends with the correct HTML tags.
4. **Data Logging & Notification:**
   * **Google Sheets - Add Row:** The AI-generated summary along with post metadata (e.g., post ID, edit link, summary date) is logged in a Google Sheets document for record-keeping.
   * **Slack - Notify Channel:** A Slack node sends a notification to a predefined channel, alerting team members about the updated post with its new AI summary.
5. **Additional Features:**
   * **System Prompts and Customization:** The system prompt for the AI summarization node is customizable, allowing you to specify the tone, structure, and style of the summary.
   * **Sticky Notes:** Multiple sticky notes are included in the workflow to provide in-line documentation, instructions, and customization tips.
   * **Webhook & Scheduled Trigger Options:** The workflow supports both manual triggers and automated scheduled triggers, offering flexibility in how often and under what circumstances the AI summarization is applied.

Workflow Process Summary

1. **Trigger and Input Setup:**
   * The workflow is initiated either manually or via a scheduled trigger. When triggered, it receives the relevant post data (e.g., post ID, HTML content).
2. **Text Classification and Processing:**
   * The content is first classified to determine if it already contains an AI-generated summary.
   * If not summarized, the content is processed:
     + Converted from HTML to Markdown.
     + Passed to the OpenAI Chat Model to generate an AI summary in a specified HTML format.
3. **Logging and Notification:**
   * The resulting summary and related data are added to a Google Sheets log for tracking.
   * A Slack notification is sent to inform team members that a post has been updated with an AI summary.
4. **Customization and Integration:**
   * The workflow is highly customizable; you can adjust prompts, system messages, and the structure of the generated summaries to match your content strategy and branding.
   * Integration with WordPress, Google Sheets, and Slack is configurable via API credentials, ensuring seamless operation across these services.

Example of the AI Summary Output

The AI summary output is generated in a strict HTML block format, such as:

html

Copy

<!-- wp:html --> <div class="wp-block-group has-background" style="background-color:#f8faff; border-radius:4px; padding:10px;"> <p style="font-style:normal; font-weight:1000; font-size:1.1em; margin:0 0 10px 0;"> <strong>✨ AI Summary</strong> : </p> <li>Key point 1: [Detail]</li> <li>Key point 2: [Detail]</li> <li>Key point 3: [Detail]</li> <li>Key point 4: [Detail]</li> </div> <!-- /wp:html --> <!-- wp:separator --> <hr class="wp-block-separator has-alpha-channel-opacity"/> <!-- /wp:separator -->

This HTML block is then inserted at the top of the WordPress post, providing readers with a clear, concise summary generated by AI.

Customization Notes

* **System Prompt Adjustments:** Modify the system prompt in the AI Agent node to align with your brand’s tone and specific summarization requirements.
* **Field Mapping:** Ensure that the Google Sheets fields (e.g., post\_id, summary, edit\_link) match the structure of your log sheet.
* **Notification Settings:** Customize the Slack message template to include relevant post details and links.
* **Trigger Configuration:** Adapt the trigger mechanism (manual vs. scheduled) based on your publishing frequency and automation preferences.