Operational Manual for RAG Chatbot system

Library Name	Version
langchain	0.1.9
langchain-google-genai	1.0.3
langchain_core	0.1.46
langchain_openai	0.0.8
langchain_community	0.0.24
flask	3.0.3
pathlib	3.0.3
html2text	024.2.26
jsonify	0.5
faiss-cpu	1.8.0
python-dotenv	1.0.1
flask_cors	4.0.1
PyYAML	6.0.1

Steps to run the application

1. Download or Clone Repository

- Navigate to the GitHub repository of the application.github repo link
- Download or clone the repository to your local machine.

2. Install Library Dependencies

- Open a command prompt or terminal window.
- Navigate to the directory of the cloned repository.
- Run the following command to install the required libraries:

```
pip install -r requirements.txt
```

3. Set Up WordPress Website

- Ensure XAMPP is installed on your system. If not, download and install it from the official website.
- Copy the WordPress website files to the `htdocs` directory of the XAMPP installation folder.
- Start the XAMPP control panel and run the Apache server to host the WordPress application.

4. Run Flask API

- Open a command prompt or terminal window.
- Navigate to the directory containing the Flask application script (`app.py`).
- Run the Flask application by executing the following command:
```
python app.py
```

*5. Access Chatbot on WordPress Website

- Open a web browser and navigate to the URL of your WordPress website hosted on the local server (typically `http://localhost/`).
- Interact with the chatbot by accessing the chatbot UI integrated into the WordPress website.

6. Usage

- Type your questions or queries into the chat window and press Enter.
- The chatbot will process your query and provide responses based on the provided context and chat history.
- Engage in a conversation with the chatbot to obtain information or assistance as needed.

7. Troubleshooting

- If you encounter any issues during installation or operation, refer to the documentation or seek assistance from the project's support channels.
- Ensure that all dependencies are installed correctly and that the XAMPP server is running properly to host the WordPress website.