DocBot — Capillary Documentation Chatbot Instructions

Step 1: Clone the Repository

```
git clone https://github.com/YourUsername/Capillary_assement.git
cd Capillary_assement
```

Step 2: Create a Virtual Environment

Windows:

```
python -m venv myenv
myenv\Scripts\activate
```

macOS/Linux:

```
python3 -m venv myenv
source myenv/bin/activate
```

Step 3: Install Dependencies

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

Step 4: Set OpenAI API Key (Environment Variable)

Windows:

```
OPENAI_API_KEY="your_openai_api_key_here"
```

macOS/Linux:

```
export OPENAI_API_KEY="your_openai_api_key_here"
```

Step 5: Scrape or Generate Documentation JSON File

- Run your scraping script (if available):
  ```
  python scraper.py
  ```

- Ensure docs_content.json is generated with structure:

```
[
  {
    "title": "Audit Logs API",
    "text": "Provides detailed records of user actions and events...",
    "url": "https://docs.capillarytech.com/reference/audit-logs"
  },
  {
    "title": "Transaction APIs",
```

```
    "text": "Retrieve customer transactions, including purchases and
returns...",
    "url": "https://docs.capillarytech.com/reference/transaction_apis"
  }
]
```

- Place the JSON file in the root folder or update the code path:

```
retriever = Retriever("docs_content.json")
```

Step 6: Run the Streamlit App

```
streamlit run app.py
```

- Open browser: http://localhost:8501
- Ask questions about the Capillary documentation.