mahar-dhika: please check the main.py, when processing, there is no rotating message, please check

GitHub Copilot: I'll analyze the main.py file to check the rotating message functionality. Let me examine the code structure and identify the issue. I found the issue! The problem is with the Streamlit execution flow and threading. In Streamlit, threading doesn't work well with the UI updates because Streamlit reruns the entire script on state changes. The `st.experimental\_rerun()` call causes the page to refresh immediately, and the threading approach won't work properly.

Let me fix this by implementing a better approach using Streamlit's built-in progress handling:

```

Made changes.

```

Now let me update the `run\_scraping\_with\_messages` function to use a simpler approach that works better with Streamlit:

```

Made changes.

```

I also noticed there were some malformed emoji characters in the loading messages. Let me fix those: The emoji characters are already correct in the fixed code. Now let me remove the unused `run\_scraping` function since we're not using it anymore: Let me check where the `run\_scraping` function starts: Since the `run\_scraping` function is not being used anymore, I'll remove it to clean up the code:

```

Made changes.

```

Perfect! I've fixed the rotating message issue in your main.py file. Here's what I changed:

## Problem Identified:

1. \*\*Threading Issue\*\*: The original code used threading with `st.experimental\_rerun()`, which doesn't work well in Streamlit because it reruns the entire script and breaks the threading mechanism.

2. \*\*Execution Flow\*\*: The `st.experimental\_rerun()` was causing the page to refresh immediately before the scraping could start.

## Solution Implemented:

1. \*\*Removed the problematic session state management and threading approach\*\*

2. \*\*Implemented a direct execution flow\*\* - when the GO button is clicked, the scraping starts immediately

3. \*\*Added a progress bar\*\* to show visual progress during scraping

4. \*\*Used sequential message updates\*\* instead of threading to show different messages at different stages

5. \*\*Cleaned up unused code\*\* by removing the redundant `run\_scraping()` function

## Key Changes:

- \*\*Direct execution\*\*: Button click now directly triggers scraping with rotating messages

- \*\*Progress indication\*\*: Added a progress bar that updates at different stages

- \*\*Sequential messages\*\*: Messages change at logical points during the scraping process

- \*\*Better error handling\*\*: Maintains error handling while ensuring progress indicators are cleaned up

Now when you click the GO button, you should see:

1. Rotating messages displaying at different stages of the process

2. A progress bar showing completion percentage

3. Clear completion or error messages

The app will now properly show the rotating Indonesian messages during processing:

- "🔄 Permintaanmu Sedang Diproses"

- "📋 Ikuti Prosedur yang Berlaku"

- "🔍 Verifikasi Dulu, Aman Kemudian"

- "🛡️ Jauhi Fraud, Raih Berkah"

- "💰 Pahami Risiko, Cegah Pencucian Uang"

Try running the app now and the rotating messages should work properly!