Task: Contract Conditions Extraction and Verification

Task Description:

1. **Conditions Extraction from the Contract:**
   - You will be provided with a contract text containing various terms and constraints for work execution (e.g., budget constraints, types of allowable work, etc.).
   - Your task is to extract all key terms from the contract and structure them in a JSON format. Terms may be related to different sections and subsections of the contract, which should be reflected in your JSON.
2. **Task Descriptions Analysis:**
   - You will be given a CSV file containing descriptions of tasks that need to be performed according to the contract. Each description is accompanied by a cost estimate.
   - Develop a system that analyzes each task description for compliance with the contract conditions. If a task description violates one or more conditions, the system should specify the reason for the violation.

Technical Requirements:

- Use the OpenAI API, Langchain, and other LLMOps tools of your choice to complete the task.
- Develop a user interface where documents and task tables can be uploaded and analysis results can be displayed.

- Provide the code on GitHub and make the interface publicly accessible for testing.

Expected Outcomes:

- A JSON file with extracted and structured contract conditions.
- A user interface that allows for the uploading of documents, analysis of tasks, and display of verification results.
- Documentation on system operation and each component of the task (github + readme)

Additional Tasks (optional but beneficial):

- **Handling Ambiguous Cases:** Develop methods for handling situations where it is unclear from the description of the completed work whether it may contradict the contract terms.