Summary of GenAI Feedback and Improvements

1. GenAI Feedback:

1. Missing **Error Handling**.
2. No indication of a **stop trading condition** in the workflow.
3. No clear specification of the **Bounded Contexts** for the Core, Supporting, and Generic domains.
4. Missing clear definitions of **Events/Commands** and the data structures used to represent them.
5. No specification of the **exchange mechanisms** between bounded contexts and external systems.

2. Team Decisions on Improvements:

- We believe that the feedback regarding the **stop trading condition** (point 2) has already been implemented in the workflow, so no further changes are necessary.
- Points **1, 3, 4, and 5** are areas where we will focus our improvements.

Detailed Improvements:

1. Error Handling:

- All team members considered various scenarios for error handling.
- Taorui and I revised the design diagram and modified the workflows to incorporate complete **Error Handling mechanisms**, covering the following scenarios:
    - **Client-side** error handling
    - **Email Service** failure
    - **Order Execution** failure
    - **Exchange Platform** operational errors
    - **Polygon.io** data retrieval failure

2. Bounded Contexts and Domain Type Classification:

- To address feedback point 3, I analyzed and organized our documentation, clearly specifying each **Bounded Context** and its classification into **Core**, **Supporting**, or **Generic** domains based on the updated design diagram.

3. Events/Commands and Data Structures:

- To resolve feedback point 4, I reviewed the documentation and explicitly listed the **input/output** and corresponding data structures for each **Event/Command**. This helped to better define and categorize each **Bounded Context** and the Events/Commands they handle.

4. Exchange Mechanisms Between Bounded Contexts and External Systems:

- To address feedback point 5, we provided detailed descriptions of the **exchange mechanisms** between bounded contexts and external systems, such as **Polygon.io**, **Exchange Platforms**, and **SMTP**. These mechanisms include API calls, event-driven messaging, and database operations.

Implementation and assignment improvements among team members**:**

- I conducted the analysis, modifications, and reorganization for feedback points **3, 4, and 5**.
- For point **1** (Error Handling), I collaborated with two other team members to consider all error-handling scenarios, add relevant workflows, and update the design diagram.