**Use Case UC-011**

Version 1.00

**Revision History**

| Date | Author | Description of change |
| --- | --- | --- |
| 01/17/2024 | Ben, Dominic | Initial version of Use Case |
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**Use Case:** Change commodities queried using UI

**Id:** UC - 011

**Description:**

Data Analyst modifies the configuration files using UI to include or exclude data sources for routine data collection of commodities.

**Level:** User Goal

**Primary Actor**  
Data Analyst

**Supporting Actors**

Data Administrator

**Stakeholders and Interests**

Data Analyst: Interested in changing which commodities are being queried by data collection.

Data Administrator: Interested in ensuring the functionality of the system and the consistency of data being collected.

**Pre-Conditions**

1. Data Analyst is logged into the UI.
2. The system must be actively functional.

**Post Conditions**

Success end condition:

1. Configuration files are successfully updated to reflect changes made in UI

Failure end condition:

1. Configuration file is not updated correctly

Minimal Guarantee:

1. The database will continue operating in a stable state.
2. The outcome will be logged for further analysis to determine if development work is required.

**Trigger**

1. Data analyst wants to modify the list of commodities being tracked by the system

**Main Success Scenario**

1. Data analyst sends a request through UI to change commodity configuration file(s)
2. Configuration file(s) are updated to match the request automatically.
3. The system creates a log of the transaction that occurred.

**Extensions**

2a. Modified fields cannot be processed.

1. User is alerted and must change request to function within system boundaries.

**Frequency:**

On demand

**Assumptions**

1. The UI provides an intuitive understanding of how to add and remove commodities separate from stocks and other changes.

**Special Requirements**

**Security**

1. Access to IONOS with valid credentials

**Change Logs**

1. Changes made to configuration files via UI must be logged.

**Issues**

1. Configuration file fails to update.