

Requirements

Problem Statement

Operations need to have diagnostic tools to be able to monitor inaccuracies in data then may lead to redemptions not taking place.

Currently the process of redeeming bonds is highly dependent on the quality of the instrument data and timing of system events, hence operations are monitoring books manually with a large reliance on tools such as e-mail and spreadsheets.

High Level Ask

The FIC team would like to build an application that will allow users to track when bonds are maturing so any issues can be identified and resolved. A particular focus should be given to those bonds past maturity.

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The application should at a high level:

- Allow permissioned users to see bonds that are due to mature
- Allow users to view bonds that have matured recently
- Show where almost mature bonds have been actioned by others to prevent duplication of effort and provide oversight
- Optional allow uses to create custom list of bonds they are tracking

Who are the users of this application?

- The users are members of the FIC ops team
- The users will manage a number of books which contain trades and have to ensure the trade bookings are correct and accurate.

MVP 1.0 Simplified user stories

| Story | Comments |
|---|----------|
| In order to view the portfolio as a user I want to see all the bonds active in the system | |

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| In order to support the investigation into bonds post maturity and still on the books, as a user I want to be able to view bonds due for maturity in the next 5 days | This implies within business working days |
| In order to provide optics on positions, as a user I want to be able to view bonds due for maturity in the last and next 5 days | |
| In order to be able to uniquely identify a given bond and bond trades, as a user I want to see the bonds ISIN / CUSIP | <p>ISIN - An International Securities Identification Number uniquely identifies a security</p> <p>A CUSIP is a nine-digit numeric (e.g. 037833100 for Apple) or nine-character alphanumeric (e.g. 38259P508 for Google) code that identifies a North American financial security for the purposes of facilitating clearing and settlement of trades</p> |
| In order to identify the issuer of the bond as a user I want to the name of the issuer of the bond | |
| In order to be able to identify who owns the bond, as a user I want to see the client name who holds the bond | |
| In order to manage my portfolio of bonds, as a user I want to see the bonds in the books I am responsible for | |
| In order to understand the security as a user I want to be able to see the details of individual bonds | |
| In order to help in the understanding of failed maturities, as a user I want to see the underlying trades linked to a bond | |