# Arena Bonds Trading

— ROLE
UX Design

— FOR
Citi

— DATE
May 2017

— TYPE
Desktop App

Redesign of Citi's corporate bonds trading app. The system is used by traders every day – all day, in order to keep tabs on their profit and loss, marking bond prices and publishing prices to the sales team and clients.
The redesign goal was to add robustness and flexibility to help traders perform better and faster with easier decision-making.

Our challenge was to make a redesign that would allow a faster sales-side and handling of bigger bonds of bunds, increasing the business volume of the Credit Desk and preparing the desk for the challenges of the future. Also, I was asked to provide ways to show more information about the entire book and a single bond, to allow better decision-making.

## My Tasks

– Planning and Scope Definition

I defined the product together with the product manager, taking ownership features across the whole process, I balanced between user needs and business goals.
– Experience Strategy and Vision

I created prototypes to share the vision, design principles and content strategy. This helped overarching ideas, gain alignment and drive decision-making.
– Interactive Prototyping and Specs

I executed user journeys, wireframes, prototypes and design specs.
– Supervising of Visual Design Mockups

I supervised UI designers on the creation of final, pixel perfect mockups and handing to dev team.

## Trader's Task Analysis



After 3 hours of team brainstorming and task mapping.

Out of the task analysis, it became clear that the activities could be classified into three main areas of interest:
1) Risk, in which the trader would spend most of the time, marking bond prices, analyzing his profit and loss (PnL) and settings axes + discounts.
2) Sales, focusing on areas to manage all e-trading settings for automatic, low-amount, risk-reducing trades.
3) Runs, for the management of price publishing across sales and clients. By auto-scheduling most of the runs, this would be seamless to the trader and free time for more important tasks.

This early architectural decision was the first building block of the new operational model and would condition all tasks coming next.

## Early Ideation Wireframes

The first sketches included three areas, with a side on the left to quickly switch between different books, and a right side to show relevant information according to crossed data. Also, a notifications module was planned, as an aid for the trader to keep up with developments during the day.

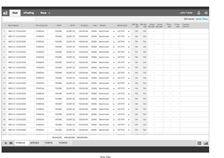


Presenting 3 Ui flows (different information models for choosing) risk

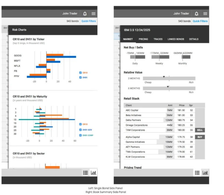
## Detailed Wireframes

In the detailed wireframes I polished every detail of the overall frame and also the right side of charts and bond data.

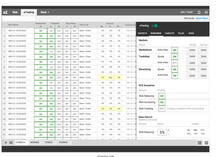
The left side, for selecting different books, was moved to the bottom in order to allow more visible columns in the grid.
The following are samples from the full spec created over a year of work.



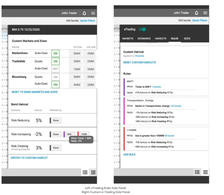
Risk Tab



Left Image: Bond Risk Detail
Right Side Summary Side Panel



cPricing Tab



Left: cPricing Runs Side Panel
Right: Custom or Trading Side Panel



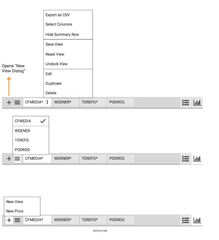
Types (1) – Filters



Types (2) – Column Controls



Dialogs and Errors



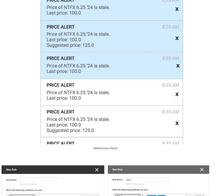
Opens "New View Dialog"

Export as CSV
Select Columns
Hide Summary Row
Save View
Reset View
Unlock View
Edit
Duplicate
Delete

CFMEDIA
WIDENER
TORSTG
PODIKOS



Bottom Bar



John Trader

4 new notifications — Clear all

PRICE ALERT — 8:35 AM
Price of NTFX 6.25 '24 is stale.
Last price: 100.0
Suggested price: 125.0

PRICE ALERT — 8:35 AM
Price of NTFX 6.25 '24 is stale.
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PRICE AT FIFT — 8:15 AM

Notifications Panel



Form Editor



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