Functional Requirements Document (FRD)

Project: NEXEN Client Portal Optimization

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# 1. Functional Overview

This document outlines the functional changes required in the NEXEN portal to support faster instruction submission and more accurate trade monitoring. It includes UI changes, backend validations, and reporting updates.

# 2. Instruction Module Enhancements

- Replace free-text asset type input with dropdown list  
- Auto-populate client account details once trade ID is entered  
- Add real-time validation for settlement dates

# 3. Trade Monitoring Updates

- Introduce live trade status flags (Pending, Settled, Cancelled)  
- Allow filtering by security type, market, date range

# 4. Reporting Standardization

- All reports to include standardized headers: Trade ID, ISIN, Status, Client Ref, Settlement Date  
- Export options: XLS, CSV, PDF

# 5. User Access and Roles

- Read-only access for Viewers  
- Edit access for Operations and Clients

# 6. Error Handling

- Display user-friendly error messages for invalid trade IDs, incorrect formats

# 7. Non-functional Requirements

- System response time: under 3 seconds for trade lookup  
- Uptime: 99.5% availability