GL-Three Sprint Report

Sprint Period: GL-Three

Overview

This sprint focused on major infrastructure improvements, particularly in authentication, database architecture, and data management. The changes build upon the replit-new-two foundation, with significant emphasis on security, data integrity, and user management.

Key Changes

Authentication & Security

- Implemented Authentication System

    - Added frontend login functionality
    - Integrated secure route middleware
    - Enhanced user session management
    - Implemented core user ID in SessionUser
    - Added support for new user operations

Database Architecture

- Enhanced Database Structure

    - Migrated to CUID for primary keys
    - Implemented auto-updating timestamps
    - Added user tables with authorization support
    - Integrated subscription capabilities
    - Modularized schema structure
    - Created initial Drizzle migration

Data Management & Migration

- Comprehensive Data Tools

    - Created import/export scripts for schema migration
    - Added support for modified schema imports
    - Implemented CUID migration tools
    - Added Docker PostgreSQL local filesystem support
    - Enhanced data portability

Development Tools & UI

- Enhanced Development Experience

    - Integrated React Query DevTools
    - Removed temporary user ID implementation
    - Improved portfolio chart functionality

- Implemented correct date ordering with years
- Added real-time chart refresh on changes

Technical Improvements

1. Authentication System

   - Secure route protection
   - Enhanced session management
   - Comprehensive user operations

2. Database Infrastructure

   - Modern ID system (CUID)
   - Automated timestamp management
   - Modular schema design
   - Robust migration support

3. Development Experience

   - Better debugging tools
   - Improved data visualization
   - Enhanced development workflow

Impact Analysis

The changes in this sprint have:

1. Established a robust authentication system
2. Enhanced database security and efficiency
3. Improved data management capabilities
4. Created better development tools and workflows

Next Steps

Future sprints should focus on:

- Enhanced authentication features
- Additional data migration tools
- Extended user management capabilities
- Further development tooling improvements

Commit History

d1e627a portfolio chart should **order** dates correctly **with** years

3bda945 portfolio chart should **refresh on** changes

120ec3e app should **not** use the **temp user** id hack

6c6f1cc app should use react-query-dev-tools

cf018c4 front **end** should have a **login**

9f3f849 there should be a data **import** / export scripts **for** the **current schema**

2211dfa data **import** should allow choice **of** export files **to import**

67f2b2a data **import for** cuid should **work with** modified **schemas**

e4d4d98 **date** export **for** cuid change should be **committed**

447e33b drizzle should have initial migration

b33fcf6 routes should be secure **with** auth middleware

3b46bfb **server** should **return** core **user** id **in** SessionUser

2783b59 api routes should support **all new user** operations

5e0a5f9 db should support viable **user tables**, **authorization and** subscriptions

61699f0 db should auto **update** updatedAt field

cba0f21 db should use cuids **for primary** keys

acc4cff docker psql should use **local** file **system**

5cb9982 there should be export / **import** scripts **for** cuid migration

a878fcb **schema** should be modularized