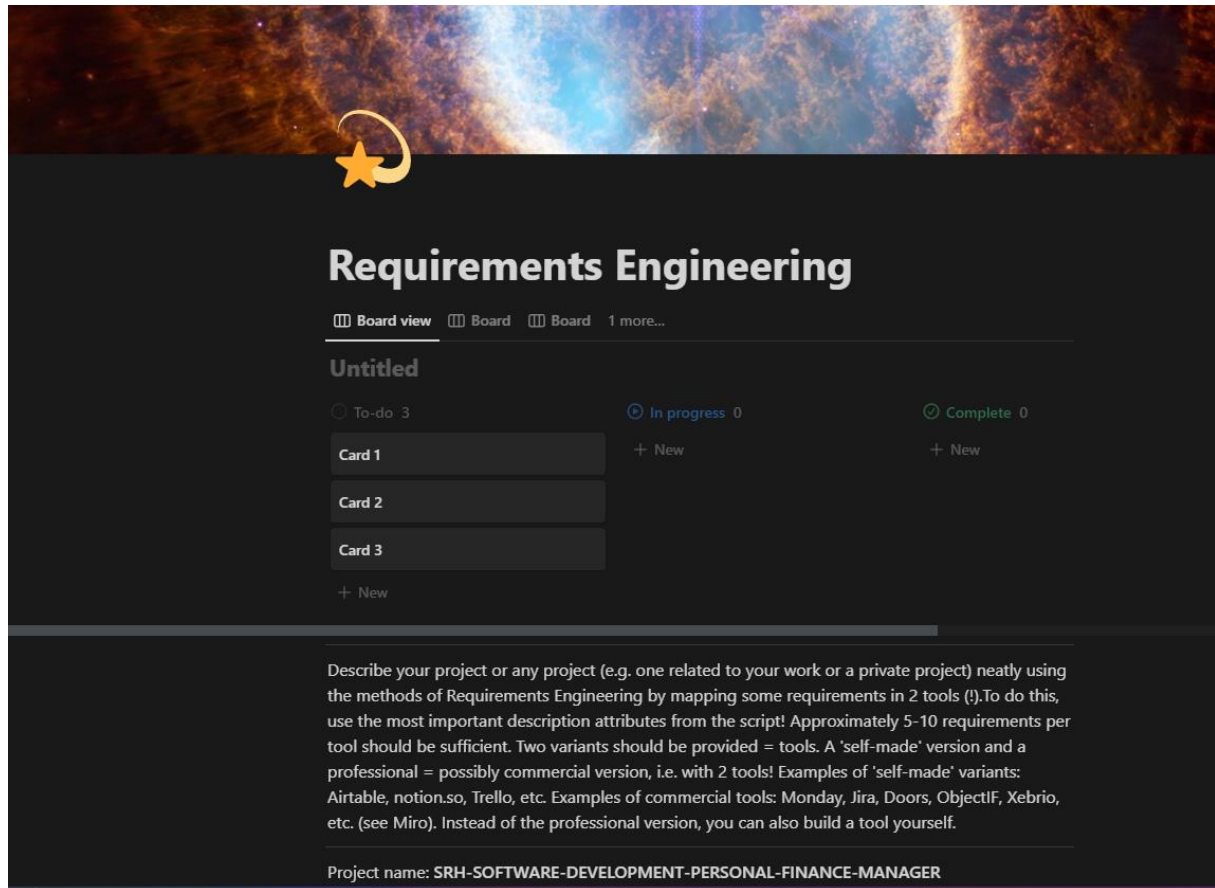


Requirements Engineering

“Self-Made” tool: Notion.so

At first I needed to create a page where I can add informations about the project. At the start since I will need it later created also kanban board.



After that I needed to point key things for the requirements engineering

Project name: SRH-SOFTWARE-DEVELOPMENT-PERSONAL-FINANCE-MANAGER

Description:

Project focus is on the developing a comprehensive and user friendly application that helps users to take control of their financial wellbeing. This tool serve as a centralized platform for users to manage their income, expenses, investments, and financial goals efficiently.

Functional Requirements:

☐ User Auth

- System need to allow users to register and login securely
- System must be able to recover user account threw email verification or allow password reseting

☐ Dashboard

- System should be personalized to user witch will display key informations such as account ballance, income, expenses and investments
- System should provide an overview of financial health, including charts and graphs

☐ Income Management

- System needs to record and categorize various sources of income
- System should support recurring income entries

☐ Expense Tracking

- System needs to log and categorize expenses, with the ability to attach receipts or additional notes
- System should allow users to set budgets for different expense categories

☐ Budgeting

- System should allow users to create and manage budgets for different time periods (monthly, yearly)
- System should have implemented real-time tracking of expenses against set budgets

☐ Transaction History

- System must maintain a detailed history of income, expenses, and transactions
- System should allow the users to be able to search and filter transactions based on different criteria

☐ Investment Portfolio

- System should allow the users to input and monitor various investments (stocks, bonds, etc.)
- System should provide real-time or periodic updates on the performance of investments

☐ Financial goals

- System should allow users to set financial goals and track progress
 - System should send notifications and alerts to remind users of upcoming financial obligations or goals
-

Non-Functional Requirements:

☐ Security

- System must implement strong encryption standards for user data and transactions
- System must have at least Two-factor authentication for enhanced security

☐ Performance

- System should respond promptly to user actions, even during peak usage
- System must have efficient data storage and retrieval to ensure optimal performance

☐ Scalability

- System should scale seamlessly to accommodate an increasing number of users and data

☐ Usability

- System be intuitive and user-friendly interface with clear navigation
- System should have accessibility features to cater to users with disabilities

☐ Reliability

- System should be available and reliable, with minimal downtime for maintenance
 - System should have implemented regular data backups and recovery mechanisms
-

Transition Requirements:

☐ Data Migration

- System should have a smooth transition plan for migrating data from any existing financial management systems used by the users

☐ Training

- System should provide training materials and sessions for users to familiarize themselves with the new app
- System should offer support during the initial transition period

☐ Integration

- System should ensure seamless integration with commonly used financial tools or platforms (e.g., bank APIs)
-

Interface Requirements:

☐ User Interface

- System should have consistent and visually appealing design across different platforms (web, mobile)
- System should have responsive design to adapt to various screen sizes

☐ API Integration

- System must integrate with financial institutions and services through secure APIs for real-time data sync

☐ Notifications

- System should push notifications for important financial events, such as low balances, upcoming bills, or goal achievements

☐ Reports and Analytics

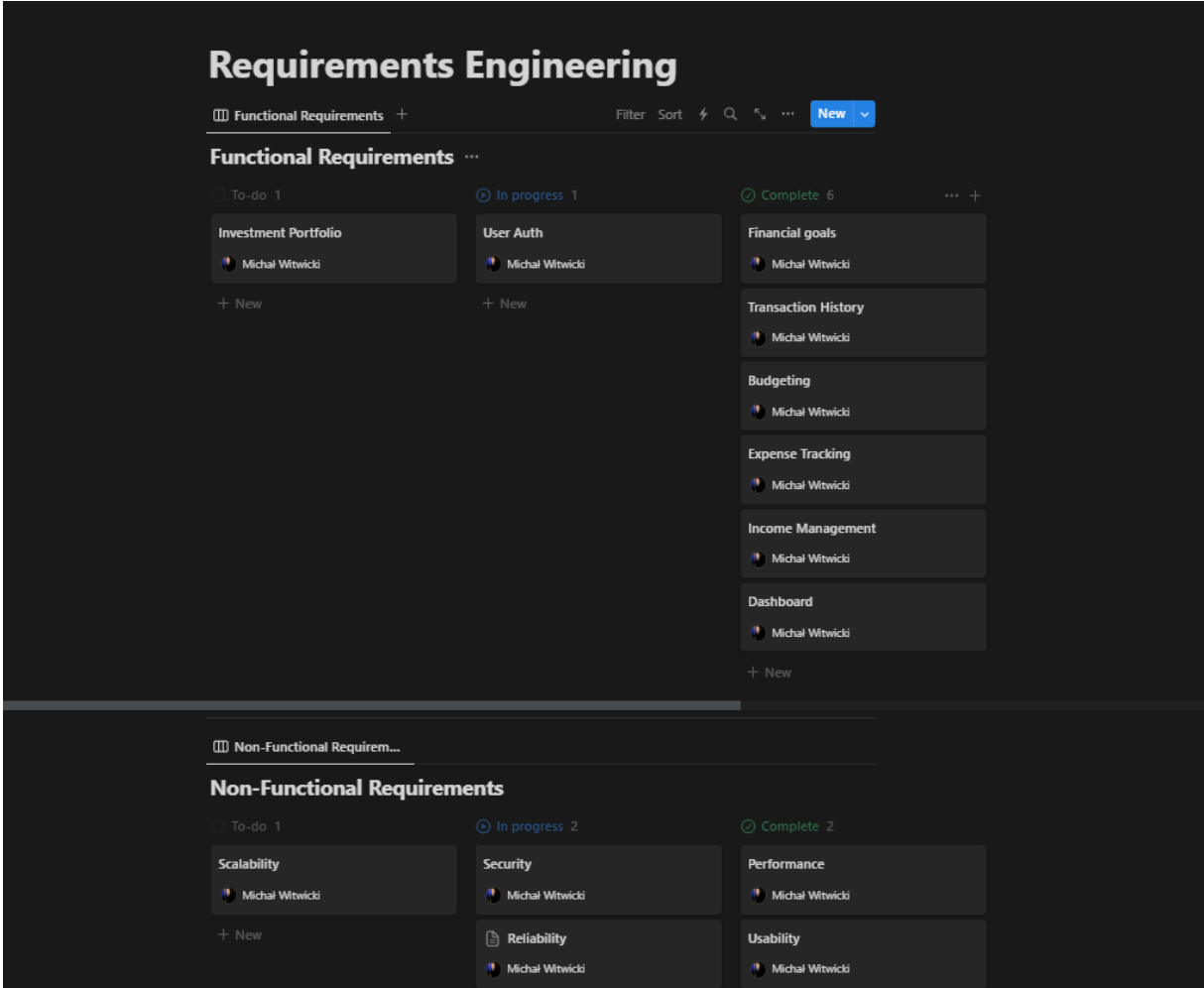
- System should generate comprehensive reports and analytics to help users analyze their financial habits and trends

☐ Multi-language Support

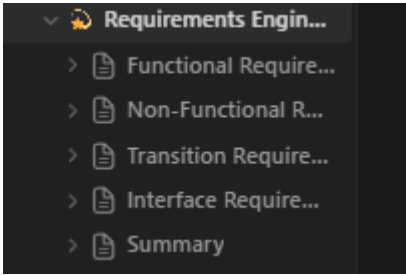
- System must have support for multiple languages to cater to a diverse user base

Press 'space' for AI, '/' for commands...

For every requirements I needed to create a board where I can follow the process



All of them are pointed on the bar on the left side



As for the summary I needed to create manually requirements to follow the timeline

