Banking
Case Study

Loan Origination System for a Bank

👥 Client Overview

A leading US Community bank serving consumers and small businesses for nearly 100 years in CA

💼 Status Quo

- Innovative pay day loan solutions
- Online portal which processes over 7 million transactions for 0.5 million customers
- Processing system was inefficient in terms of processing time
- Work receipts were uploaded manually and processed for further decision making, leading to a highly unproductive system

💡 Implementation Approach

- Mapped the business workflow, decision system interaction touch points with APIs, data flow analysis, data model use cases etc. ,
- Created comprehensive wireframes to visualize the decision workflow and approval process
- Automated the work receipt upload mechanism by creating a comprehensive user interface
- Upgrade of the current system using scalable architecture without disturbing the existing functionality

🎯 Business Impact

- Reduced 70% of the manual work receipt process, contributing to a robust origination process and improved responsiveness to loan applicants
- Architecture implemented is highly scalable and responsive to various data sources
- Data repository is an efficient feed for the decision workflows and optimization strategies

⚙ Technology

AngularJS | HTML5 | CSS3 | B | spring boot | MySQL | Jira | Google Material Design | GIT Hub