

Enterprise Product Design Portfolio

Sabin Bhandari

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a brief history

Bachelors in Computer Engineering
Tribhuwan University, Nepal

Masters in Human-Computer Interaction & UX
Umeå University, Sweden

2012

2014

2016

2018

2020

2022

2024

2026

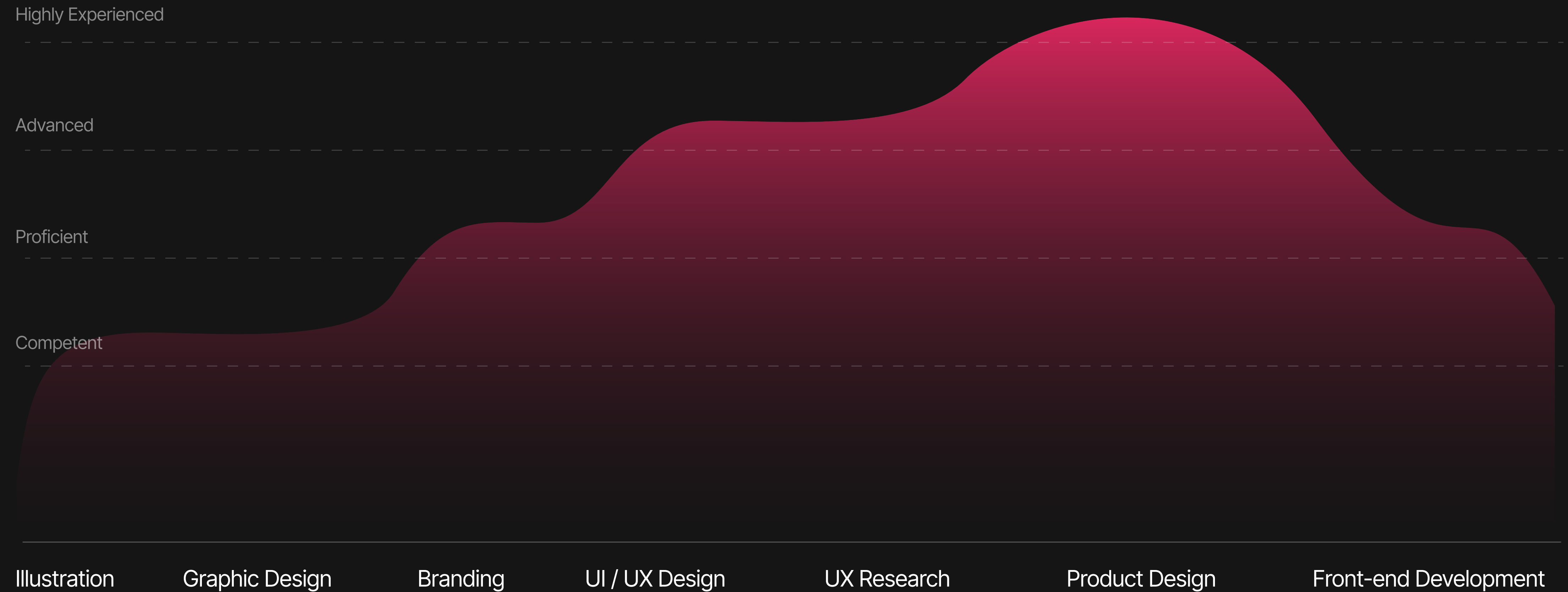
Co-founder & Creative Director
Threadpaints, Butta, & Littlethings

Lead Product Designer
Rara Labs

Design Consultant
Togglecorp

Design Engineer
CI Web Group

a generalised designer with background in HCI & Engineering



my core philosophies

Simplicity

*Do less, but better, to solve problems through design.
Add art for human expression.*

Honesty & Mindfulness

*Clear and mindful experiences without tricking users
or businesses.*

Sustainability

*Durable and resource-aware solutions.
Creativity flourishes within constraints.*

Collaboration

*Close interaction with experts, engineers,
designers, management, users, and clients.*

DISCLAIMER

The works presented here are a few of my product design work

They encompass product strategy, product architecture, UX research, UI design, and branding.

This is not an exhaustive list. The (almost) full portfolio can be viewed on the website.

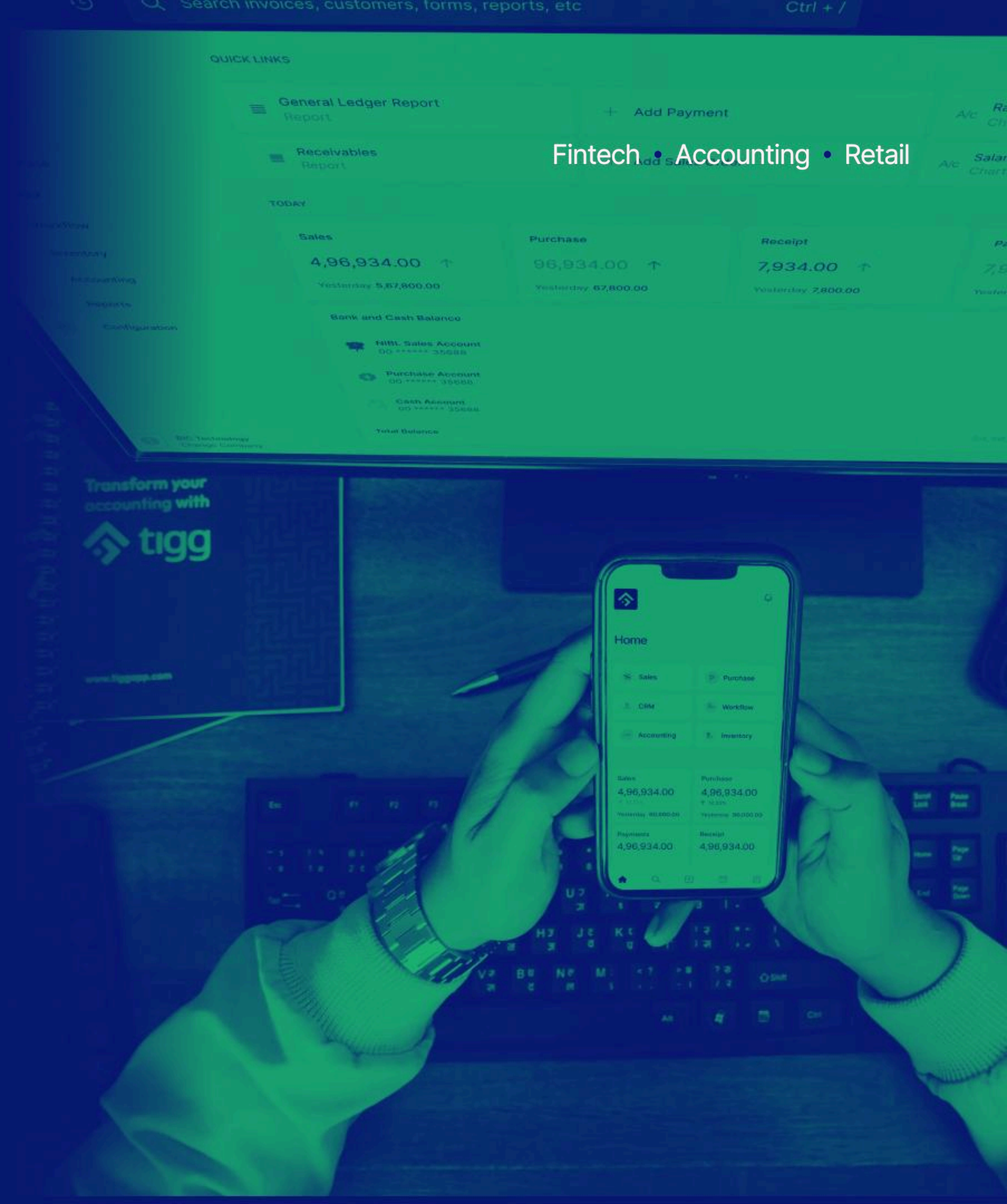


Fintech • Accounting • Retail

Multi-tenant Cloud-based Business Operating System for SMEs

Lead Product Designer + Design Team Lead + Brand Designer

2021 - 2024





Fintech • Accounting • Retail

Multi-tenant Cloud-based Business Operating System for SMEs

The Problem Statement

The client is a consortium of finance and engineers who aimed to revolutionise traditional accounting practices in Nepal. The approach was to integrate world-class technology and adapt it to local business ecosystem and regulatory practice.

Primary Goal

Design a suite of application to drive Nepal's unstructured traditional accounting process seamlessly to digital era with clear focus on ease of use.

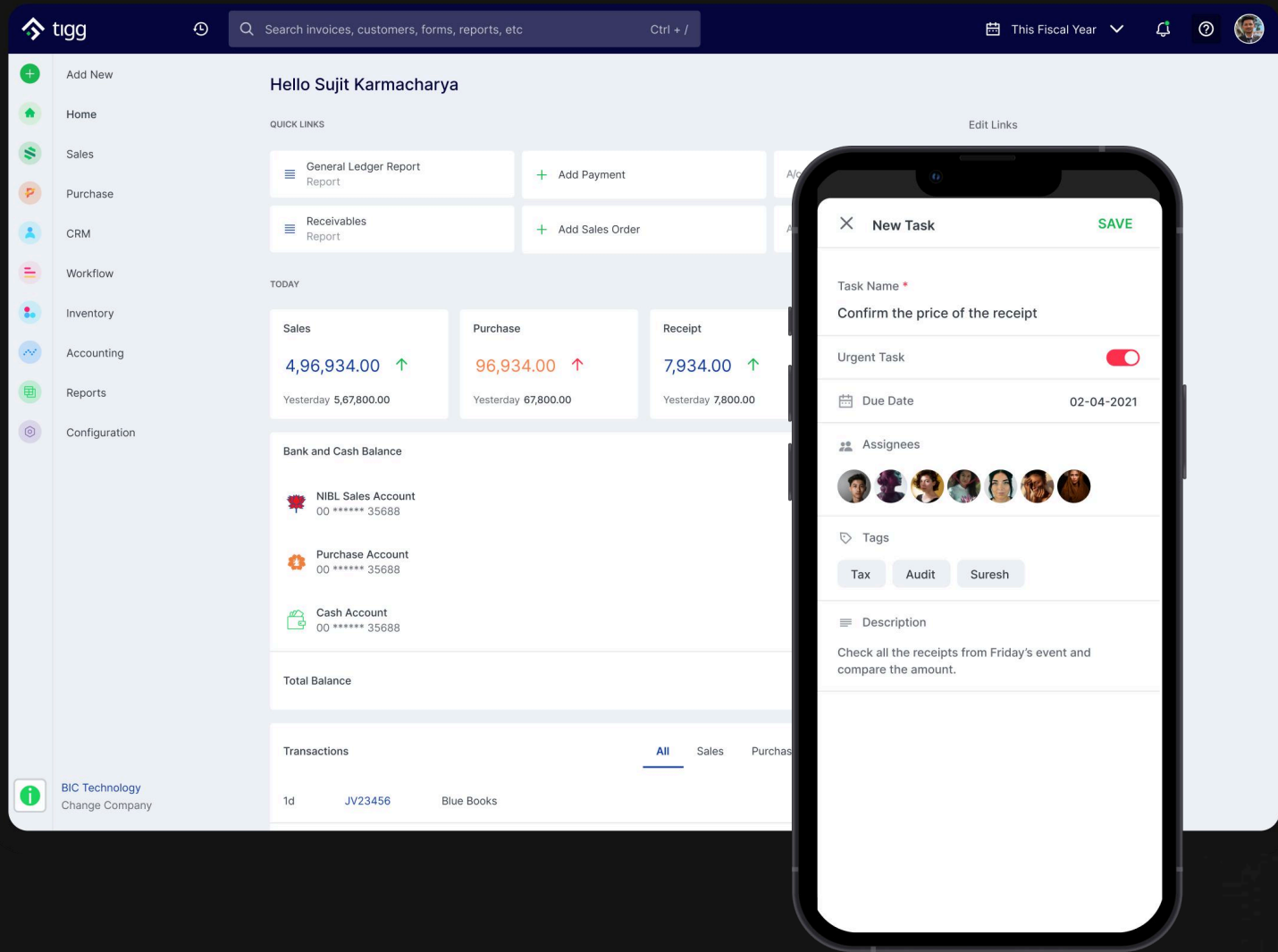
Solution

A B2B SaaS platform product built as an ecosystem of tightly integrated applications for businesses/entrepreneurs, auditors, and financial institutions.

Key Activities

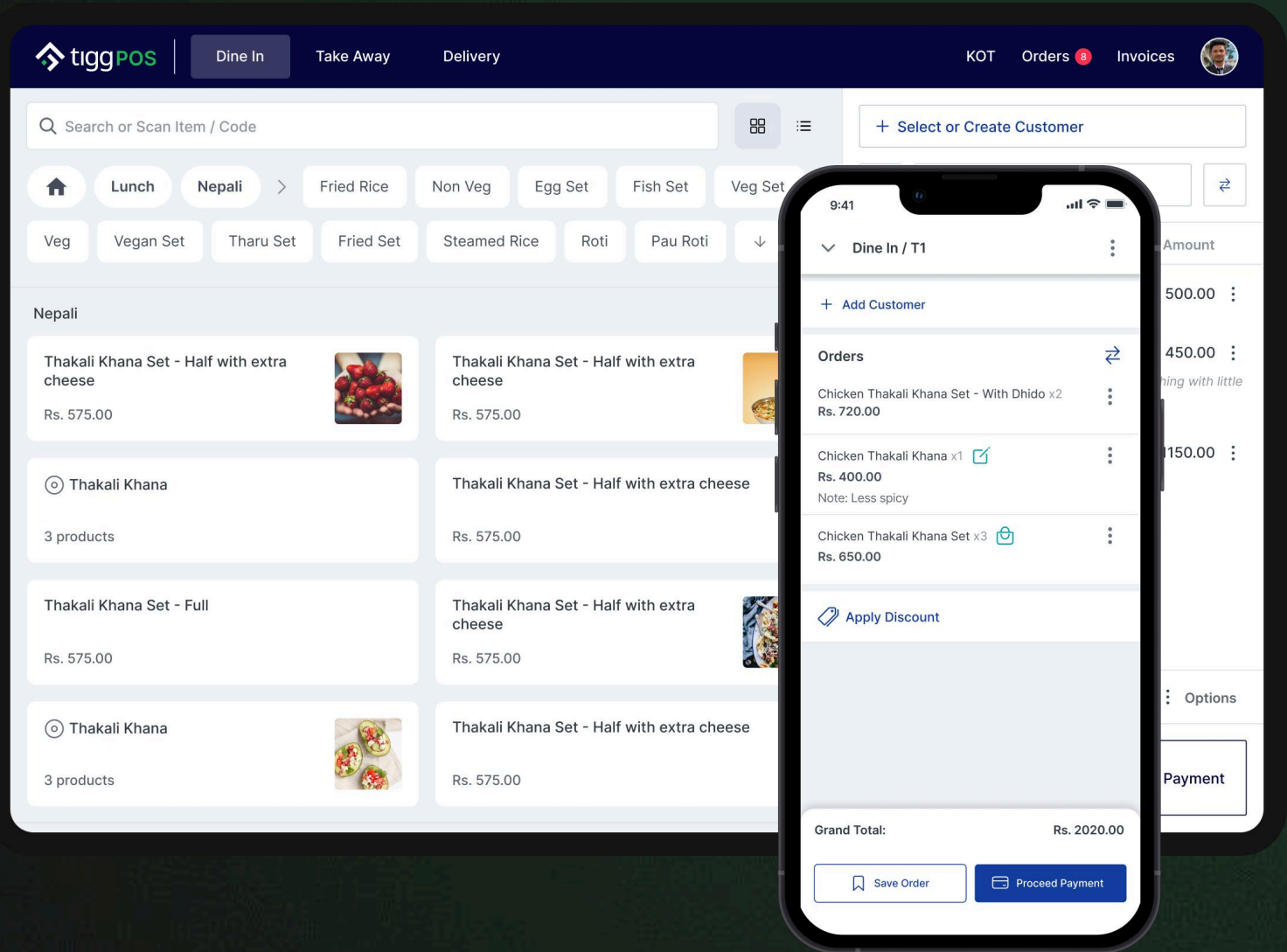
Led a team of 4 Designers
Product Planning and Product Design
Web & Mobile App UI Design in Figma
Web & Mobile POS UI Design in Figma
Design System
Logo Design and Brand Strategy

Product ecosystem to vertically integrate MSMEs and Retail business operations.



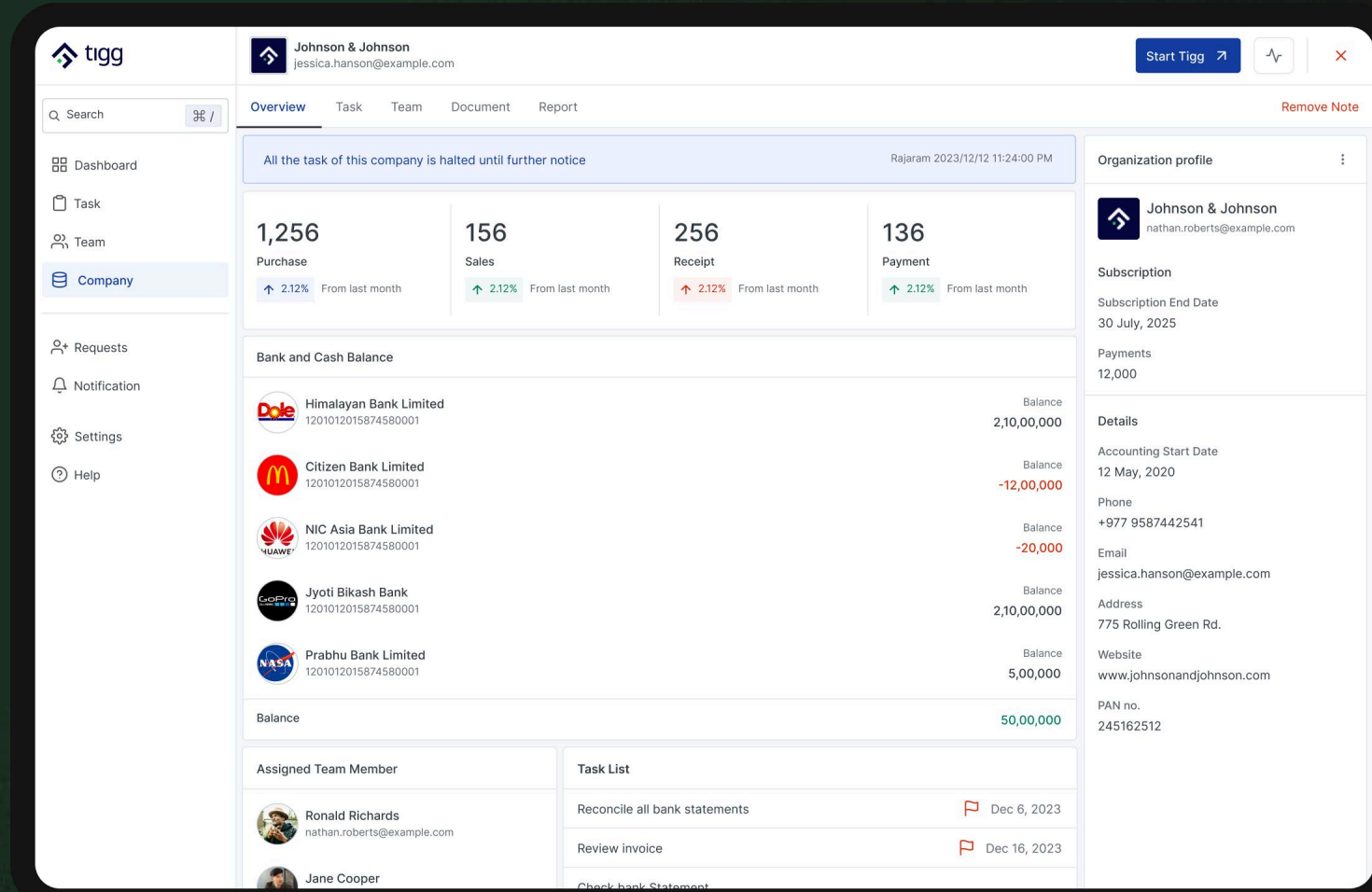
Tigg Accounting

Web and Supplementary Mobile App to analyse and manage accounting records, customers, and configure other business records.



Tigg POS

Web and Mobile App to manage and fulfill retail orders and invoices. Ideal for both in-house as well as online orders.



Tigg Advisor

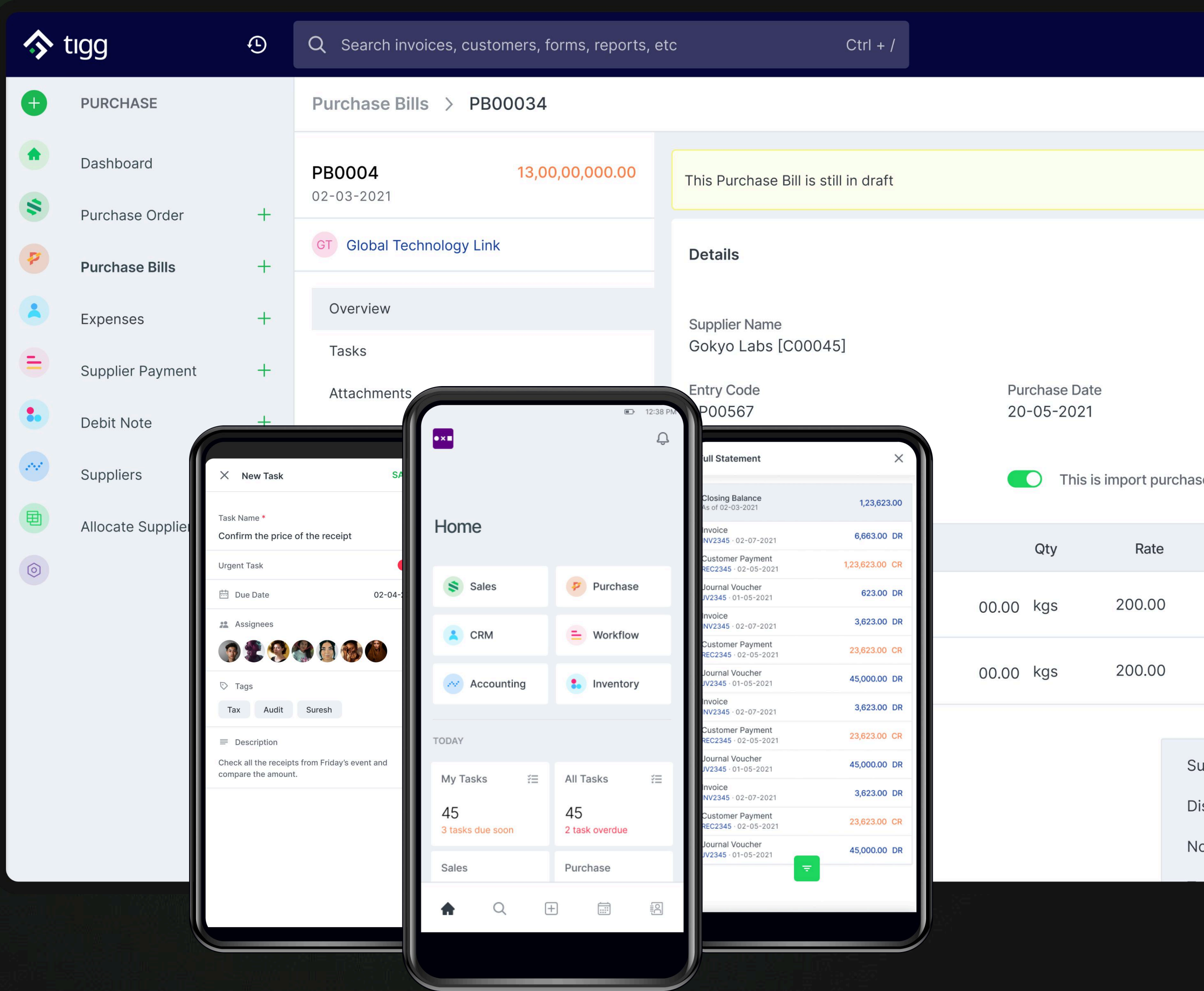
Web App for audit firms and BFIs to manage clients that use Tigg from a single dashboard.

Selected Design Decisions

Tight integration between applications while allowing independent functioning of individual application.

Hierarchical navigation design for different business modules in the Primary Tigg application.

Dynamic forms that cater to both fast record creation as well as detailed record creation.



REDSTONE

Fintech • Business Management • Back Office

AI-Powered Back-Office for Retail Store Chains

Lead Product Designer + Design Team Lead + Brand Designer
2023 - 2024

AI-Powered Back-Office for Retail Store Chains

The Problem Statement

The client is a convenience chain store based in Western US with 17+ stores . Each store manages their finances, POS independantly causing issues in analytics and vendor dealings.

Primary Goal

Unify the scattered technologies used in the independent stores of a convenience chain stores based in Western US.

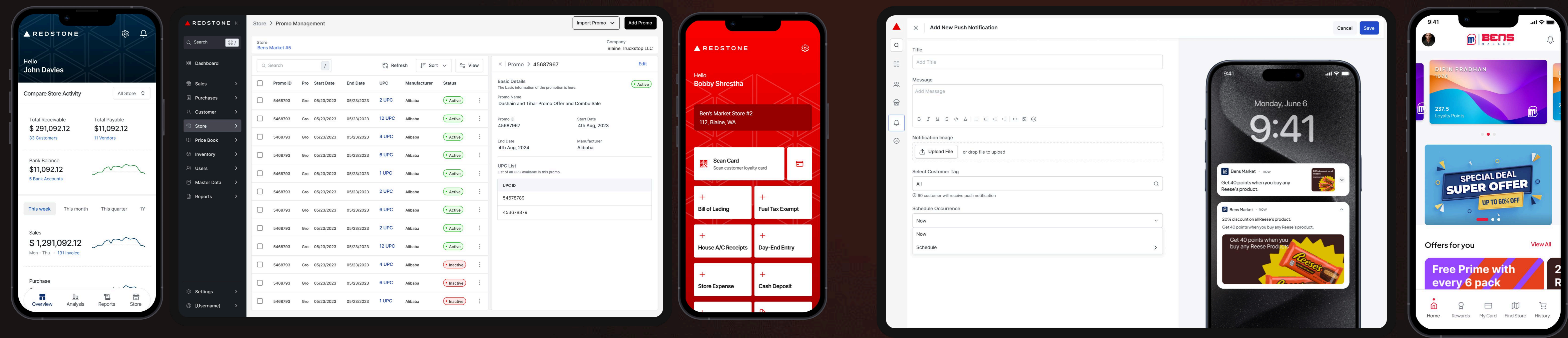
Solution

A B2B platform product built as an ecosystem of tightly integrated applications, that could be repackaged as multi-tenant SaaS application.

My Key Activities

Led a team of 6 Designers
Product Strategy and System Design
Product UX and UI in Figma
Web and Mobile UI Wireframing in Figma
Logo Design and Brand Strategy

Product ecosystem to vertically integrate chain of retails and their business operations in a technologically disparate environment.



Back Office Suite

Web and Mobile Apps to records and manage different business operations, accounting and business logics, and provide analysis based on ML algorithms.

CRM Suite

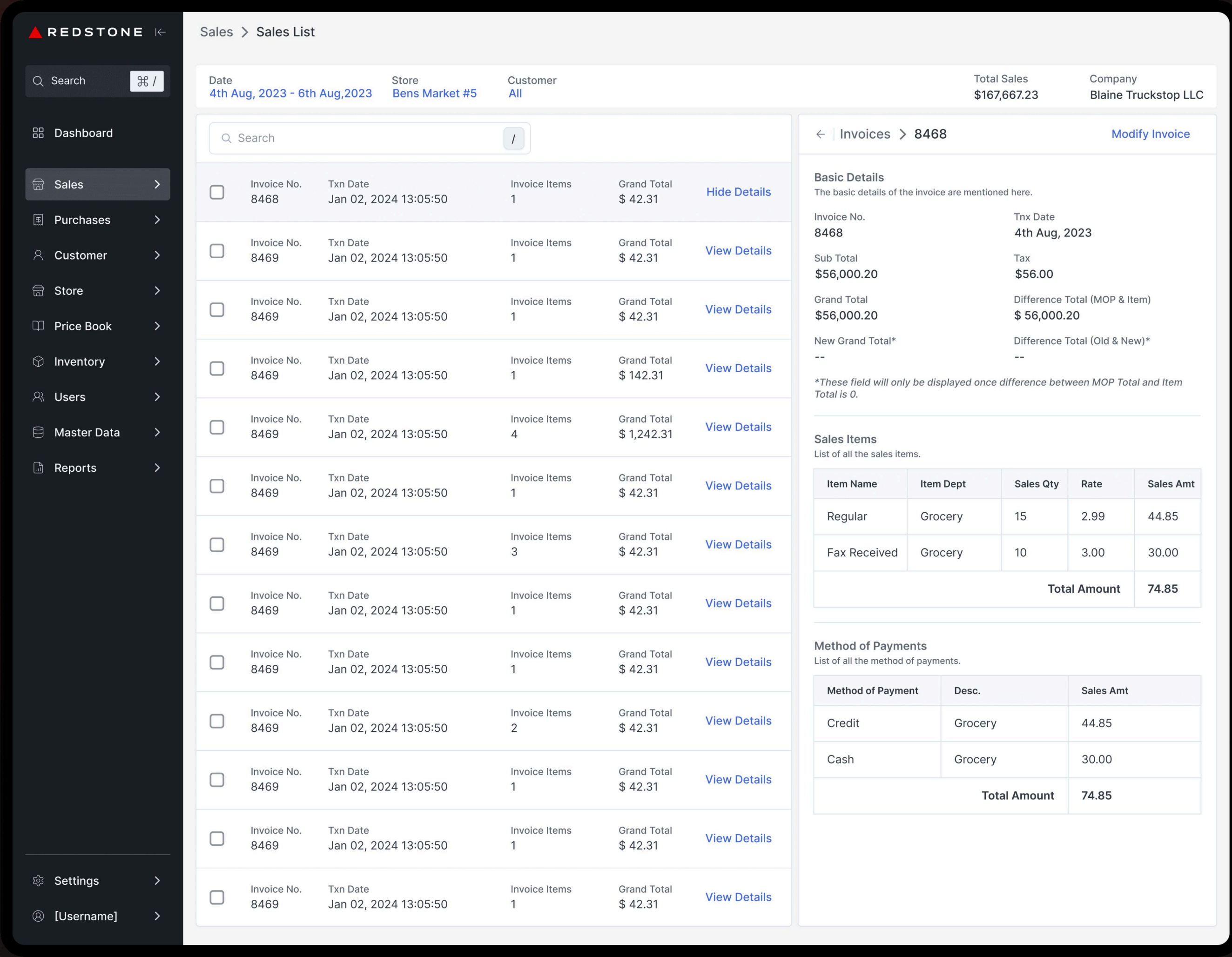
Web application to manage customers and promotions as well as mobile app for the customers.

Selected Design Decisions

Use of internal “Rara Unified Design System” to accelerate the development process and maintain consistency across multiple apps.

Features divisions across the apps to prioritise ease of access and relevance for users of each context.

Modular Back Office Management System to ensure compatibility for future edge use cases and addition of new stores in the brand catalogue.



Patient diagnostics through checklist management and machine learning

Lead Product Designer + Design Team Lead
2023 - 2024

Patient diagnostics through checklist management and machine learning

The Problem Statement

The client is a intelligent medical software company that provides medical diagnosis based on Dynamic Workflows and Machine Learning algorithms.

Primary Goal

Design an application suitable, for both web and touch screens, for doctors and medical staffs to diagnose and provide patient care effectively.

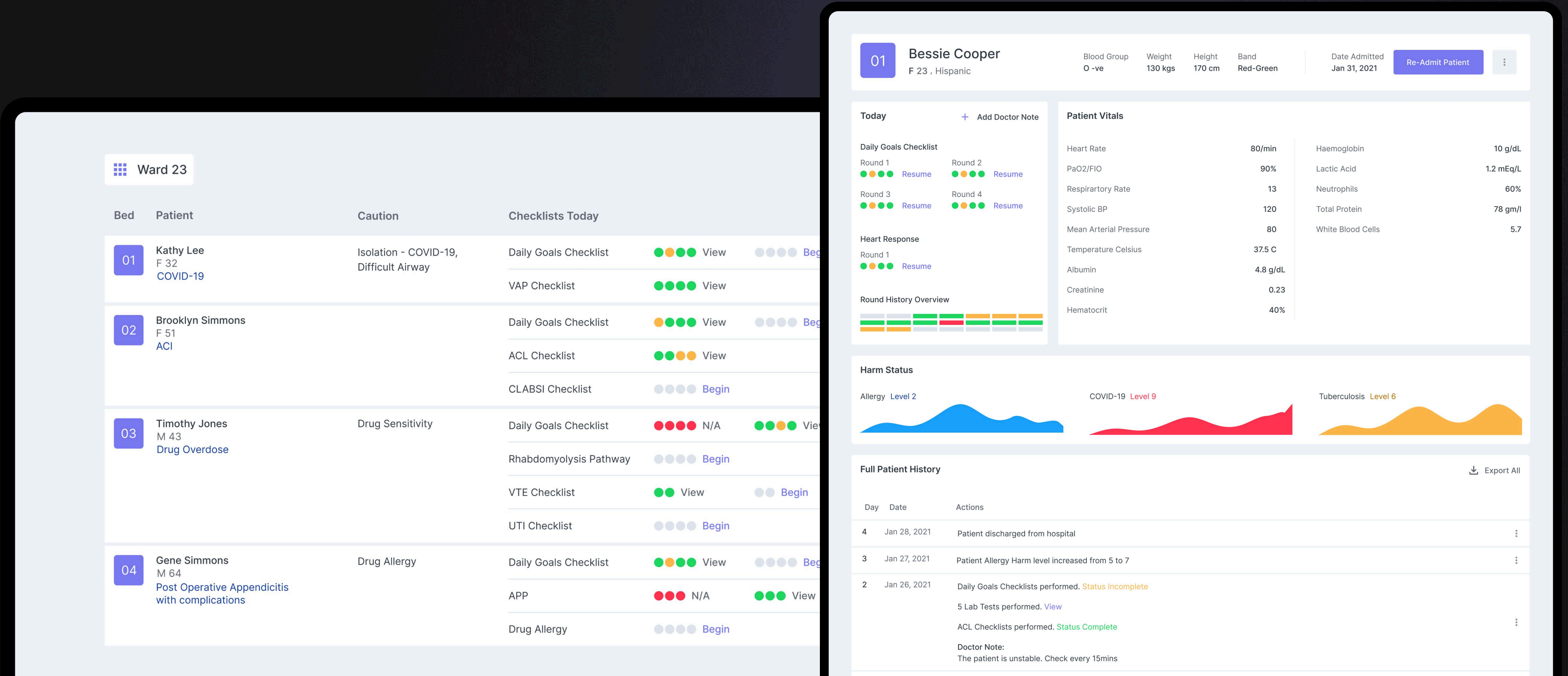
Solution

An application for doctors to add diagnosis and notes, set dynamic workflows, and provide real-time information to rest of medical staffs

Key Activities

Product Strategy & UX
Concept Design
Web and Tablet UI Wireframing
UI Design in Figma

Product to manage multiple wards across multiple hospitals powered through machine learning algorithms and dynamic workflows

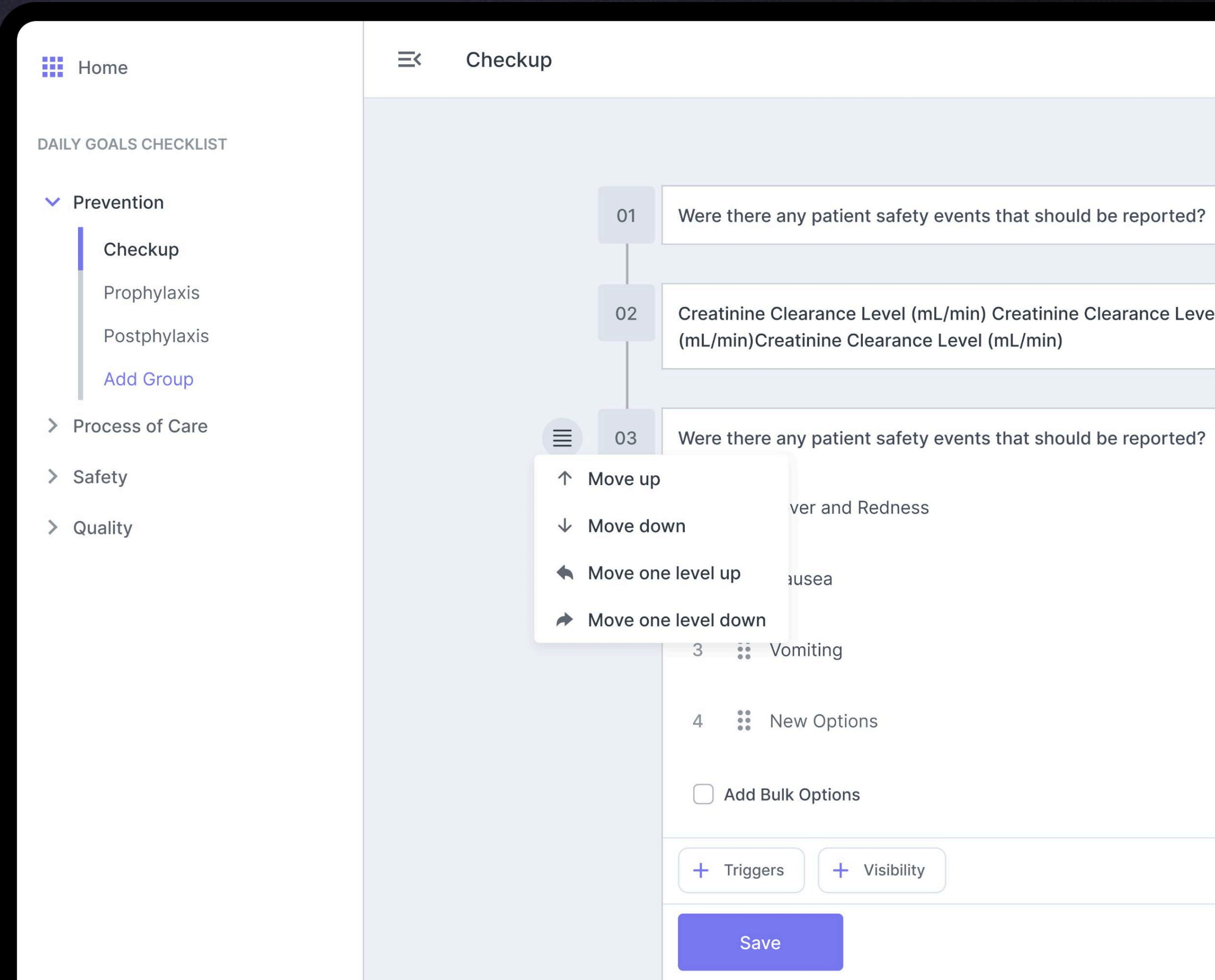


Selected Design Decisions

Dynamic Workflows that allows branching and real-time injection of EMR Vitals.

Admin management of workflows, protocols, and machine learning algorithms.

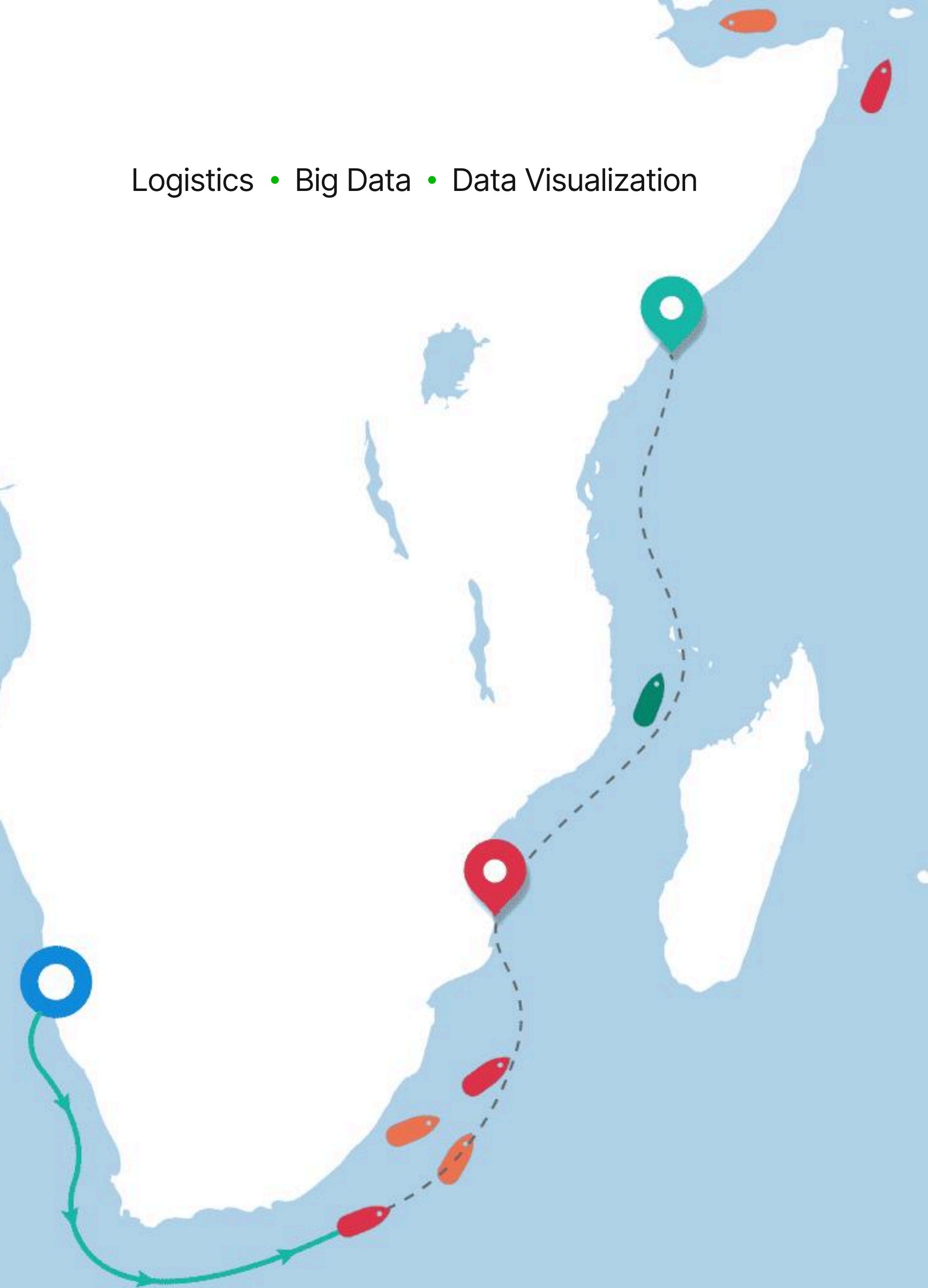
Projectable screens for hospital ward screens, and UI suitable for both touch-sensitive and desktops interfaces.



Vessel Management and Tracking Platform

Lead Product Designer + Design Team Lead
2023 - 2024

Logistics • Big Data • Data Visualization



[Name Confidential]

Logistics • Big Data • Data Visualization

Vessel Management and Tracking Platform

The Problem Statement

The client is world's leading vessel management company handling hundreds of shipping vessels all across the world. Vessel tracking and vessel performance are important to enable effective interventions to maintain financial feasibility.

Primary Goal

Design an application that provides performance analytics to individual vessel owners with up to date market information.

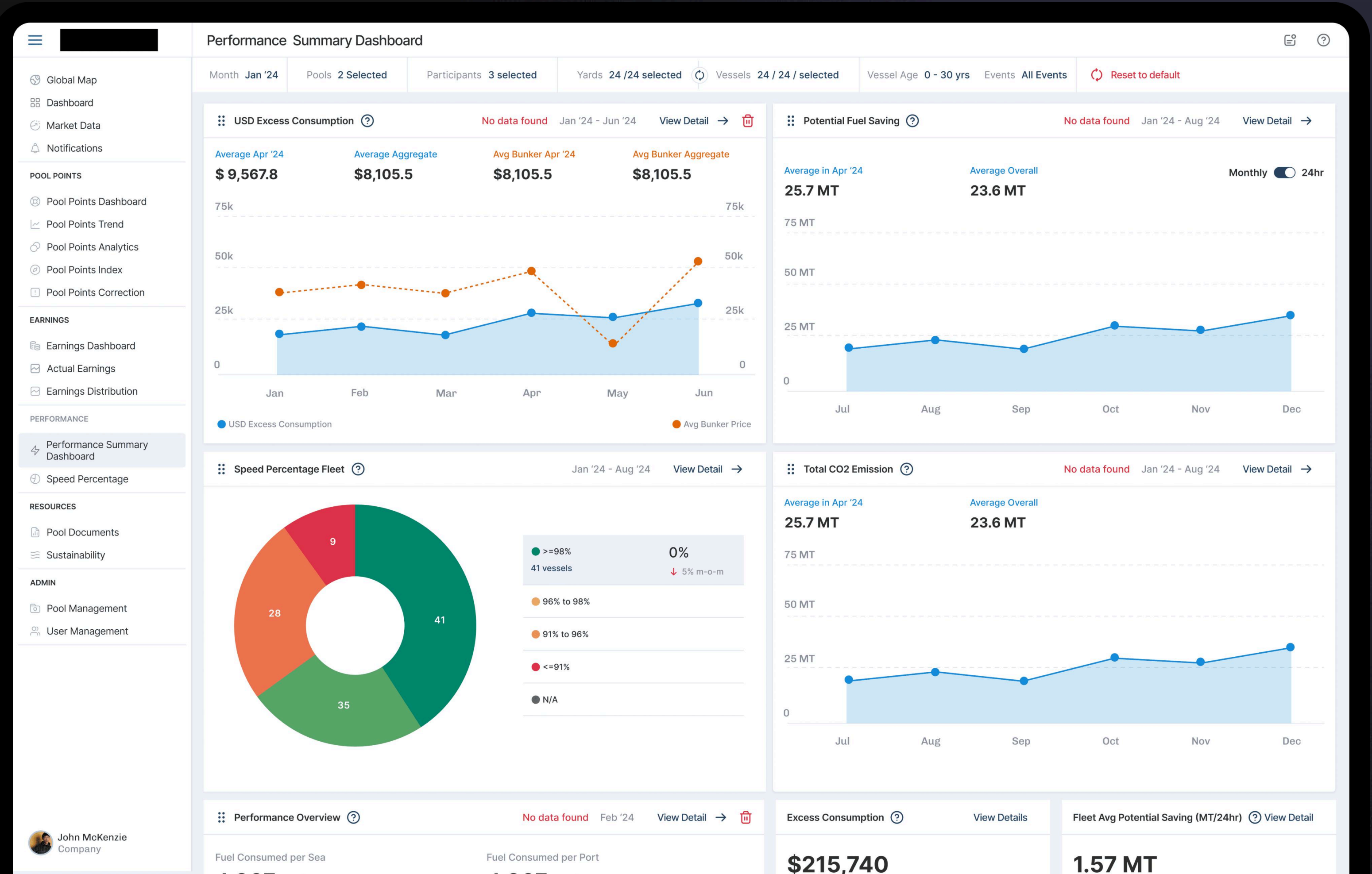
Solution

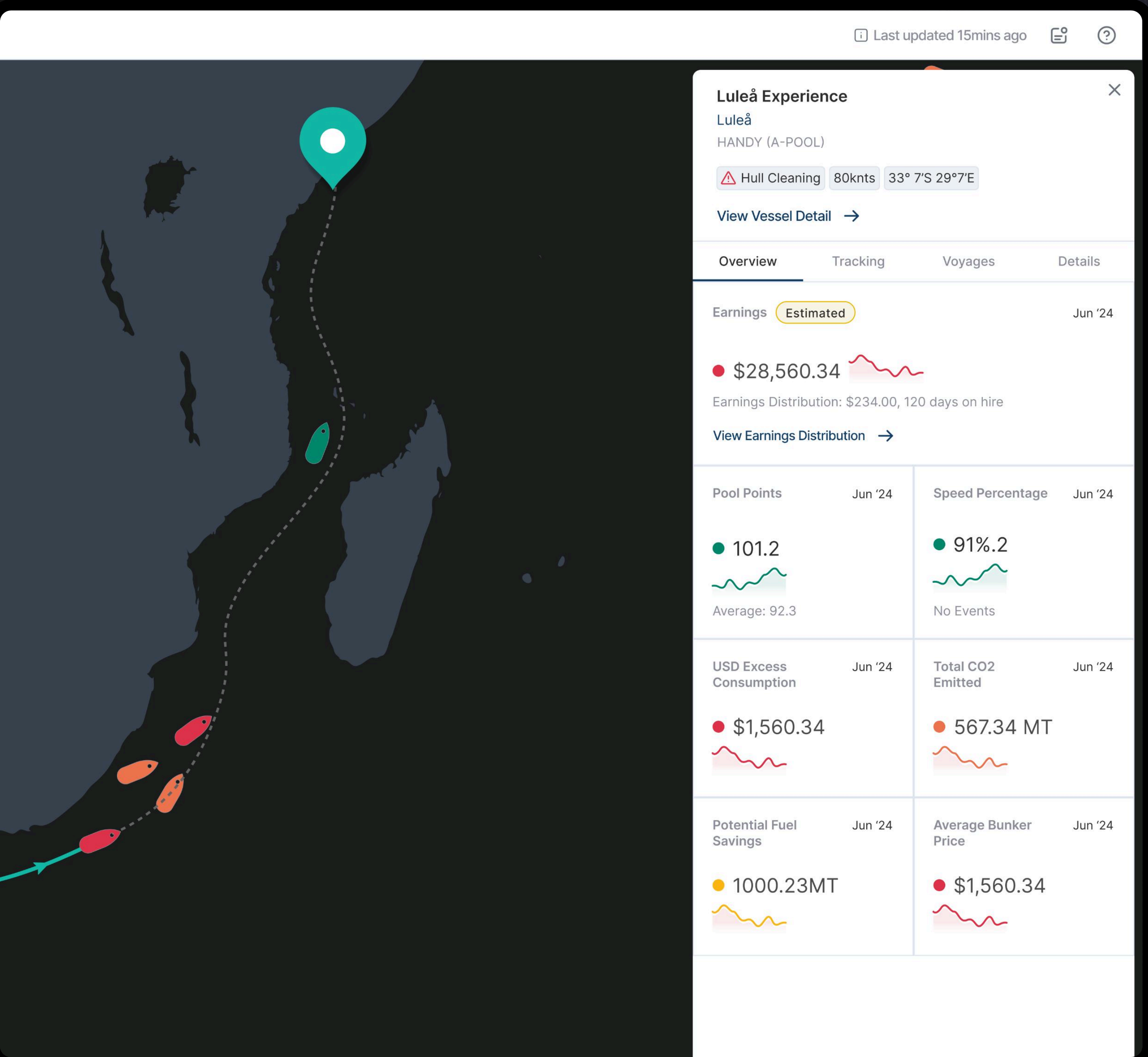
An application integrated with mobile application that reconciles all the information to enable user-friendly vessels and fleet analysis.

Key Activities

Product Strategy & UX
Concept Design
Web and Tablet UI Wireframing
UI Design in Figma

Vessel Performance Dashboard and Analytics for better decision making





Selected Design Decisions

Customizable and Personalised Widgets-based Dashboard Design.

Multi-view interface that allows visibility of data in different modes like map, table, dashboard, and list.

Hierarchical Filter Design to support complex views.



Fintech • Ledger • Big Data

API-first Composable Finance & Ledger Platform for BFIs

Lead Product Designer + Design Team Lead
2024

Sumo Ledger

Fintech • Ledger • Big Data

Composable Finance & Ledger Platform for BFIs

The Problem Statement

Applications for finance, accounting, and inventory have to create and manage ledger rules and accounts which requires expertise and precision. It is a major cost center during application development process.

Primary Goal

Design a ledger platform that handles the complexity of ledger management with ease of good user experience.

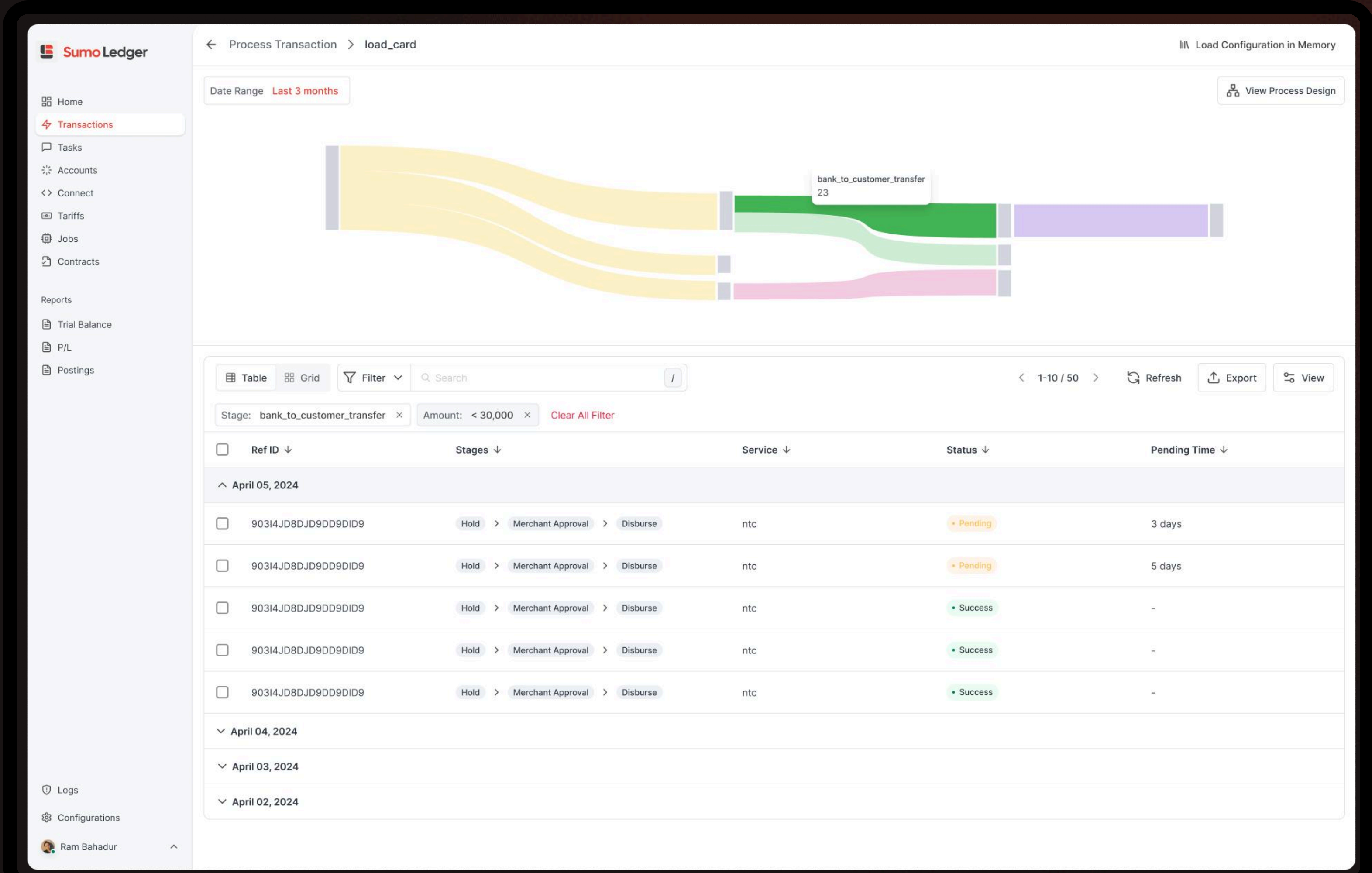
Solution

A no-code SaaS application driven by configuration rules and workflows.

Key Activities

Product Strategy & UX
Concept Design
Web and Tablet UI Wireframing in Figma

No-code ledger platform designed to configure and track entire cycle of any financial and inventory transactions

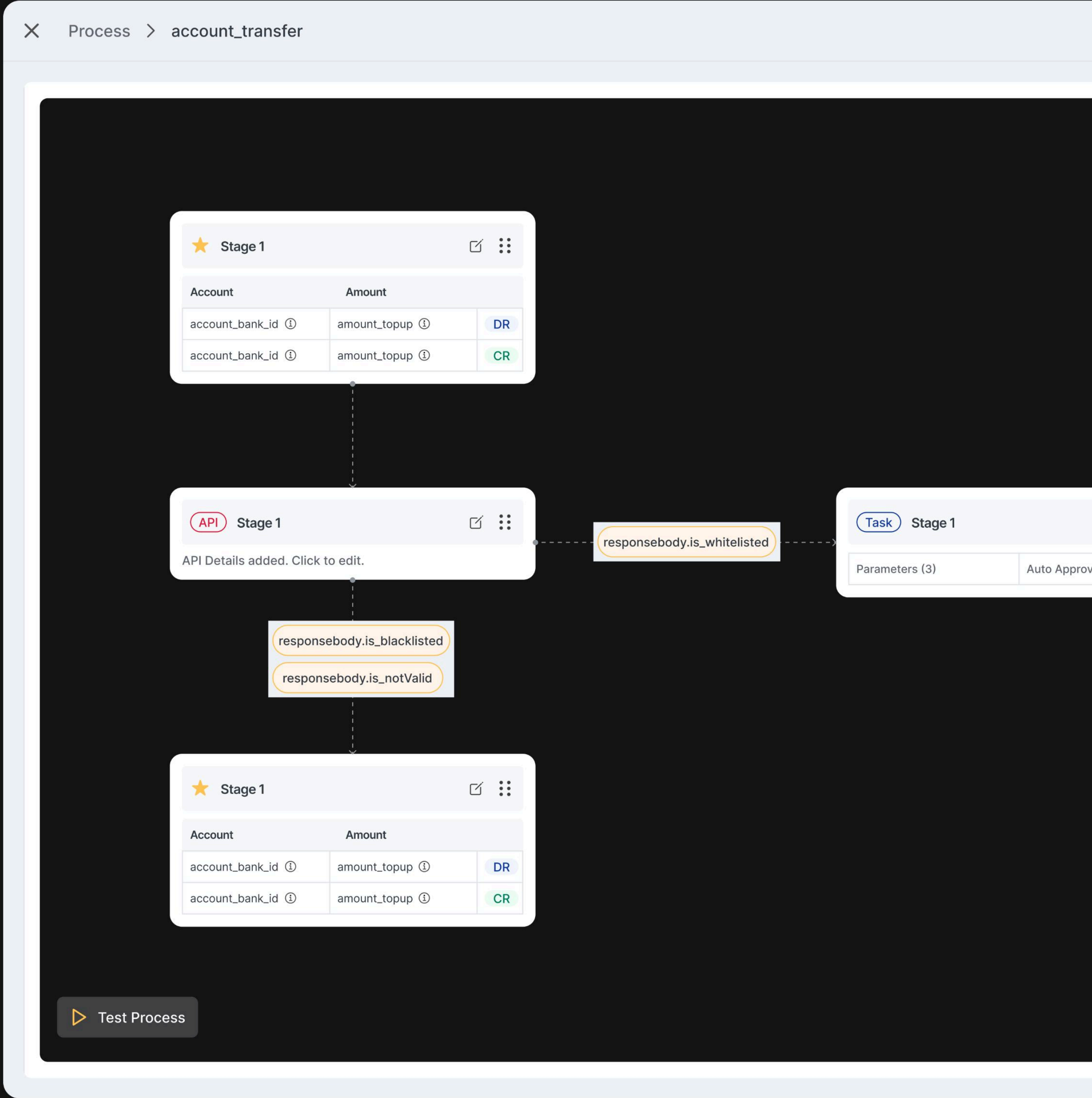


Selected Design Decisions

Complex Visualisation to provide overviews and support transaction analysis.

No-code configuration based design.

Dynamic workflows that supports branching, variables, complex math equations, and rules.





Unified Design System for Enterprise Apps / Platforms

Lead Product Designer + Design Team Lead
2021-2024

Rara Unified Design System for Enterprise Applications

The Problem Statement

Enterprise software development companies create diverse set of applications based on different client needs. To continually maintain and improve the components over the years, while maintaining consistency is a resource-intensive effort and easily overlooked.

Primary Goal

Create a design system that enables easier component management across multiple platforms while aiding fast prototype development.

Solution

A brand-agnostic design system based on Radix and Tailwind, along with internal development and design standards.

Key Activities

Design System Planning
Design System UX
UI Guidelines
UI Design and Frontend Design
Team Collaboration

Brand Agnostic Design System for maintaining consistency across a suite of platforms in an enterprise software development company

Add New Purchase Bill

Quick Receipt

Save Purchase Bill

Expenses

Approved

Draft

Activity

+ Add New

Purchase Bills > PB00034

Options

PB0004

02-03-2021

13,00,00,000.00

GT

Global Technology Link

Mark All As Read

Mark All As Read

Clear All Notifications

Edit

Delete

23,000

DR

23,000

CR

Error during saving

Sales Invoice (INV0045) couldn't be saved because of server error.

Cancel

Confirm Delete

Activity (2)

Tasks (3)

Attachments (1)

Details

Print Preview

Edit

Add Payment Made

Custom Sales Field App Settings

Payment Made Sales

General Ledger Report Report

Add New Status

Pending

Packaged

Last 30 days (02/04 - 03/04)

Last 60 days (02/04 - 03/04)

Last 90 days (02/04 - 03/04)

This Fiscal Year to Date

Fiscal Year

Custom Range

NIBL Sales Account

00 ***** 35688

Balance

34,56,934.00

Search

Select All

Deselect All

(Blank)

Nepal Investment Bank

Prabhu Bank

NIC Asia

NIBL Bank

Ganapati Bank

Reset to default

Apply

PURCHASE

Dashboard

Purchase Order

Purchase Bills

Key Design Decisions

A separate brand layer to enable using the same design system across different SaaS application

Components based on Radix and Tailwind to enable developer friendliness and maintain accessibility

Custom components and variable definition to cater to organizational needs and work process

Add New Quotation

Save Invoice

×

Customer Name *

Customer Name

Q

Credit Terms

Credit Terms

▼

Quotation Code

RP00567

Quotation Date

20-05-2021

📅

Expiry Date

20-05-2021

📅

Product	Qty	Rate	Tax	Amount
Add Product				

Custom Fields

Contact Person

Bike Number

Quotation Type

Credit Terms

▼

Terms and Conditions

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Terms and Conditions

+ Add Reporting Tags

Interested to know more?

Website

www.ssabinn.com

Email

sabin@butta.us