

Framsteg 247 AB

Technology Transfer Office Automation Platform

Overview

Timeline	29 Dec 2025 - 6 Feb 2026
Duration	12-week internship
Role	Frontend Developer
Team	2 frontend developers + 1 backend developer (AI specialist)
Status	In active development

Context

Framsteg 247 AB is a startup building AI automation tools for technology transfer officers (TTOs). TTOs manage intellectual property, licensing, and technology commercialization for universities and research institutions. The company had built a prototype to test initial ideas and needed a complete redesign of the user experience before full development.

Research and Design

Weeks 1-2: Domain research

I conducted interviews to understand technology transfer officer workflows, pain points, and priorities. This research was critical because the domain of intellectual property management, licensing, and technology commercialization was unfamiliar to me.

Weeks 3-4: User flow and interface design

I designed the user flow and interface in Figma based on the research. I presented the designs to the team, gathered feedback, iterated, and finalized the visual direction before implementation.

Development

Weeks 5-10: Learning through delivery

The team used Next.js, TypeScript, and Tailwind CSS, technologies I had not previously used in a production project. I learned them while building and integrating real features.

Component architecture

I built more than 30 reusable React components, including interface foundations, forms, modals, dashboard sections, profile and portfolio pages, case-detail views, and organization-management features.

Agile collaboration

I worked with another frontend developer, Jesper, using a Kanban board for task division. I focused on feature-heavy pages while he handled foundational structure. We collaborated continuously with a senior mentor developer.

Technology Stack

Area	Implementation
Frontend framework	Next.js with TypeScript
Styling	Tailwind CSS
Components	30+ custom reusable React components
Workflow	Kanban board, daily standups, and agile sprints
Backend	Separate dedicated developer focused on AI functionality

Components and Features Built

Category	Components
UI foundations	Icons, Badge, Button variants, BodyText, Subtitle, and PageTitle
Forms and modals	SearchInput, upload handlers, UploadDocumentModal, and PopupModalOrganization
Dashboard	DashboardHeader, DashboardStatsSection, DashboardActionCard, and case-management views
Organization	Settings tabs, Team Roles Card, Organization Billing, and member invitation
Case management	CaseDetailView, CaseHeaderSection, Value Analysis using the NABC framework, and Companies tab

Handoff and Transition

At the end of the internship, I handed off all components and code to Jesper and the team. Formal handoff documentation was not required because Jesper was already familiar with my work through continuous collaboration throughout development. The platform remains in active development.

Key Learnings

- Real project work is an effective way to learn new technologies.
- Domain research produces stronger design decisions than assumptions.
- Close collaboration can reduce the need for heavy handoff documentation.
- Component-driven development at scale enables other developers to work efficiently.
- Clear task division supports independent and parallel work in an agile team.

What This Project Proved

The project demonstrated my ability to learn Next.js, TypeScript, and Tailwind CSS under real delivery pressure. It also showed that I can work effectively in an unfamiliar domain, use research to guide design decisions, build reusable components at scale, and collaborate with mentors and peer developers in a small startup team.

GitHub commits: Visible in the project history as FBetulDemir.