

Karoliina Ingman, Eetu Oinonen, Oleg Ivantsov, Miika Auvinen

## Inventory Management System Product Vision

Metropolia Ammattikorkeakoulu Insinööri (AMK) Tieto- ja viestintätekniikka 24.1.2025 **Problem Statement**: Small businesses often struggle with inaccurate inventory tracking, manual processes, and lack of real-time visibility, which leads to overstocking, stockouts, and inefficient operations. Our app solves these issues by providing an integrated, real-time inventory management solution designed for scalability and ease of use. Existing solutions fail to adequately address their needs, leading to frustration and inefficiency.

**Target Audience**: Our product is tailored for small businesses, with a focus on ease of use and simplicity. Many small, family-owned businesses are managed by owners who may not be tech-savvy and require intuitive tools that are easy to learn and implement. In such businesses, managers and owners often juggle multiple responsibilities, leaving little time to deal with complex inventory systems. Our solution addresses this by providing a straightforward, efficient way to manage inventory, helping them save time and focus on running their business.

**Value Proposition**: Our product offers an intuitive and easy-to-use inventory management solution, providing users with real-time tracking, error reduction, and time-saving automation that surpass existing solutions.

## **Key Features and Functionality:**

- For admin users, creation and management of user accounts
- Inventory tracking
- Supplier and customer management
- Inventory analytics

## Goals and Objectives:

- Boost operational efficiency and reduce inventory-related issues
- Increase user adoption rates by 5% within three months.
- Improve user satisfaction scores to 90% or above.
- Generate a continued development budget in revenue within 4 months

**Vision Statement**: Our vision is to simplify inventory management for small businesses by providing an intuitive, reliable, and time-saving solution. We aim to eliminate the complexities of tracking inventory, reduce errors, and enhance operational efficiency to empower business owners and help them focus on growth and success.