



INVENTORY TRACKER

Android Application

Download the app: <https://inventorytracker.appsandwebs.store/>

Flutter

Supabase

Android

Ready

App already built & delivered. Zero development time needed.

Project Overview

Inventory Tracker is a complete, production-ready Android application built with Flutter. The app fully satisfies all requirements listed in the job posting and includes optional premium features as well.

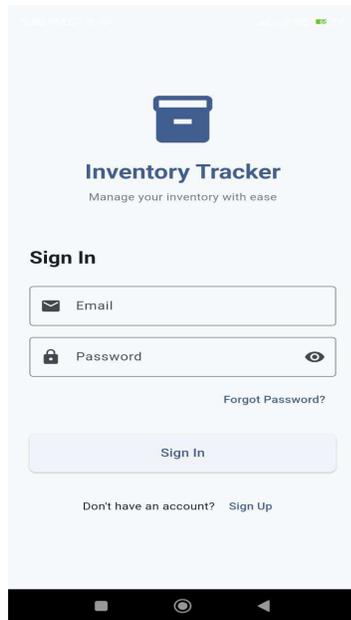
Status	COMPLETE — ready to deliver immediately
Platform	Android (Flutter cross-platform)
Backend	Supabase (PostgreSQL + Auth + RLS)
Timeline	Delivery in 1–2 days (already built)
Tech Stack	Flutter / Dart, Riverpod, Material Design 3

How It Meets Your Requirements

Your Requirement	What Was Built
Add, edit, and delete inventory items	Full CRUD — tap any card to edit, menu to delete, + button to add
Track quantities and categories	Quantity field, 6 default categories, custom color-coded categories
Export to CSV / Excel	One-tap export to CSV or Excel with share functionality
Cloud backup & authentication (optional)	INCLUDED — Supabase cloud backend with email/password auth
User-friendly interface	Material Design 3, clean cards, search, filter, loading states

App Screenshots

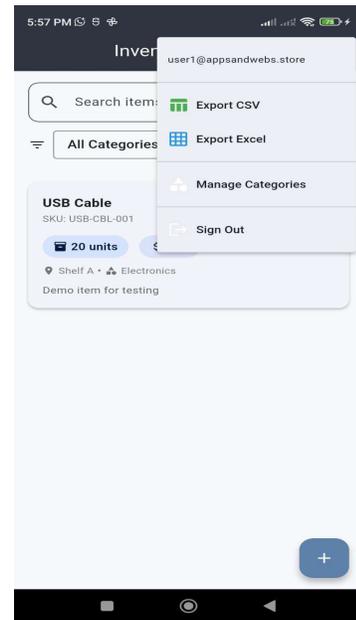
All screens shown below are from a live, working Android build.



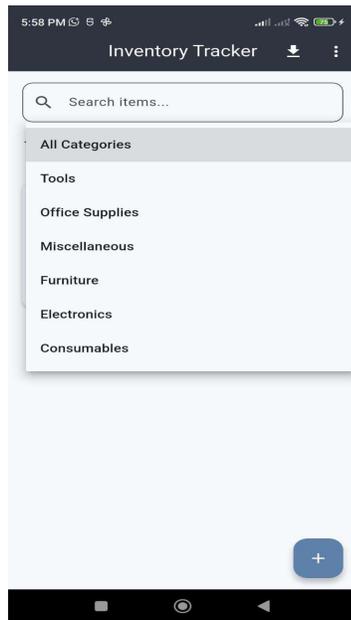
Sign In Screen



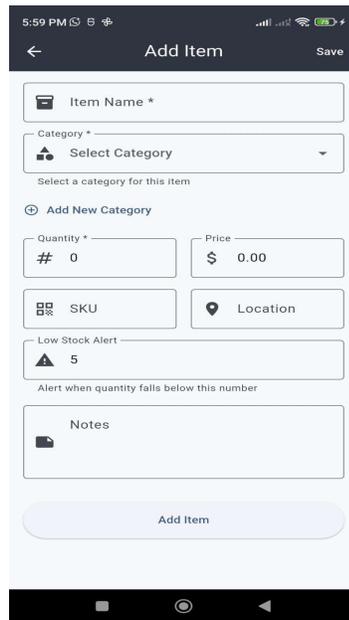
Inventory List



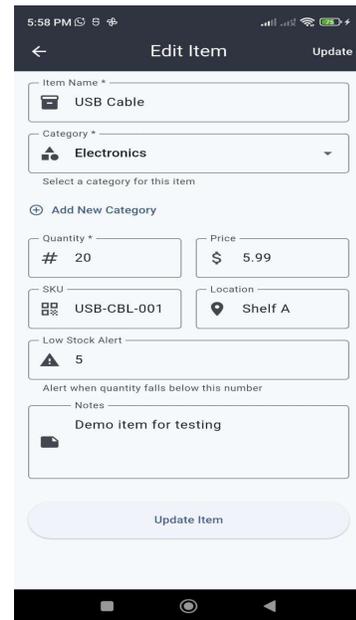
Export & Menu



Category Filter



Add Item Form



Edit Item Form

Key Features

Authentication & Security

- Secure email/password login
- Personal data isolation per user
- Row Level Security (database-level)
- Automatic session management

Inventory Management

- Add / edit / delete items
- Track name, qty, price, SKU
- Location & notes fields
- Low stock alert threshold

Category Management

- 6 default categories included
- Create unlimited custom categories
- 9 color choices + 25+ icons
- Full edit and delete support

Export & Sharing

- One-tap CSV export
- Excel (.xlsx) export
- Share via email, WhatsApp, Drive
- All fields included in export

Search & Filter

- Real-time search as you type
- Filter by category
- Combined search + category
- One-tap clear filters

UI / UX

- Material Design 3
- Clean card-based layout
- Touch-optimized controls
- User-friendly error messages

Technical Architecture

Layer	Technologies Used
Frontend	Flutter (Dart) — Material Design 3 — Riverpod state management
Architecture	Clean Architecture with Repository Pattern
Database	Supabase (PostgreSQL) — Row Level Security enabled
Authentication	Supabase Auth — email/password with session management
Data Export	csv, excel packages — share_plus — path_provider
Code Quality	Clean Architecture, error handling, widget tests included

Security Features

- Row Level Security (RLS) — users can only access their own data
- SQL injection prevention and input validation
- Encrypted connections — GDPR compliant
- No data sharing between users — full privacy isolation

Delivery Package Includes

- Full Flutter source code — well-documented and maintainable
- Supabase project setup instructions (.env configuration)
- 20+ documentation files included
- Widget tests included
- Ready to build and publish to Google Play

Why Choose This Project

1. Already Built — Zero Risk

The app is complete and working. You receive a tested, production-ready product — not a promise. No delays, no surprises.

2. Exceeds Requirements

The job posting lists CSV/Excel export and authentication as optional. This app ships both as standard features.

3. Extensible Codebase

Clean Architecture makes it trivial to add features: barcode scanning, photo attachments, team collaboration, offline mode, and more.

4. Immediate Delivery

Delivery in 1–2 days. Standard builds take weeks. You get a head start from day one.

5. Professional Quality

Material Design 3, comprehensive error handling, complete documentation, and widget tests — built to a professional standard.

Ready to deliver. Let's talk.

I'd be happy to demo the app live, answer questions, or discuss any custom adjustments.