Final App Project Write-up

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# Thrifting App

# Background

My wife and I have a small resale business. We have a booth at a resale shop, sell items on eBay and use the Facebook Marketplace. We go “thrifting” to find items to sell in through our various channels. We loosely manage the business through few records and mostly memory.

This ‘Thrifting App’ would be a way to track purchases, inventory and sales. We need more than the typical business tools because often we need to quickly decide on a purchase. Things we’d need to determine are if we have the item already, how many do we have, have we sold one lately. How fast has it sold in the past? Additionally, we need a way to easily track purchases and manage inventory.

# Requirements

1. The app must have a list of items currently in inventory
2. The app must integrate with the camera as the primary source of inventory
3. The app must have a search function
4. The app must have a record of all sales
5. The app should support loading sales records via an API

# Features

1. Manually adding an item
2. Organize lists of items by type or category
3. Add purchases by scanning a receipt
4. Support photo only inventory items
5. Scan and record barcodes

# Native Plugins

1. Camera integration
2. OCR
3. Barcode Scanner

# Data

1. Store inventory items
2. Store sales records
3. Store photos of receipts and items