

## **Clothing Store Point of Sale System**

This Point of Sale System is designed to make sales efficient and organized for Employees, and supports updating the inventory as well as handling all transactions, including purchases and returns. The system will work with external payment processors for credit and debit card transactions. The system will also allow for inventory management by allowing you to see what is available in stock at the moment.

Employees can checkout customers and accept payment via credit card, debit card, or cash. Credit and debit card payments are processed by external systems. All items have unique item numbers, and can be scanned by barcode scanner, or entered manually via item ID. Purchase totals are calculated automatically, including sales tax, and inventory should be updated automatically upon completion of transaction.

Employees can process refunds by entering items the same way (scan or manually). Refunds are only provided in cash. Inventory should be automatically updated upon completion of transaction.

Inventory should be searchable by employees. Employees can search with item ID, by item name, or by date added. Employees of the store should also be able to add clothing items to the inventory, and assign attributes such as price, quantity, ID number, size, color. The inventory, transaction history, sales numbers, etc. will be stored in a database that's backed up through a cloud system, and synchronized across different store locations.

The system should be supported by Apple or Android operating systems, on phones or tablets. Devices must be able to connect to the shared inventory online, and have cameras for scanning barcodes.

Transaction history will also be stored separately from the inventory. The transactions must be stored securely, and all transaction history and data will only be accessible by administrative users.