**CS 360 Project One Milestone**

The mobile app I have selected for Project One is the Inventory Tracking app. The purpose of this app is to allow a user to track various items included in a warehouse. The major components of the app include a database that requires at least two tables with the ability to store user logins and passwords, while also having the ability to create a new login for new users. A screen with a grid that shows all the items in the inventory, a way in which the user can add or remove specific items from the inventory, the ability to add or subtract the number of items in the inventory, and lastly a way in which the app will notify the user when an item in the inventory is no longer available.

I will focus on building the two screens that are required, both for the user logins, and the inventory display. As well as an input field that allows the user to input a certain number to add or subtract the available items in the inventory screen. Providing a specific way for the user to input the number of items they are wanting to keep track of will assist the user in reaching their goal of accurately maintaining tracking of specific items.

One app I found is called Stock and Inventory Simple, which is like the Inventory Tracking App, it can view a list of items which displays information related to the item like the UPC number as well as how many items are available out of a certain amount. The app also has the capability to select the specific item and increase or decrease the amount to add to your inventory.

Another app I found is called Sortly, which allows the user to scan barcodes to find out details over specific items. It also sends the user a low stock alert so they can be aware of potential shortages. It also can display relevant info for an item like statistics related to its total quantity change over a given period.

Three user types that could benefit from using the inventory tracking app would be a manager or vendor of a retail store, a small business owner, and an entrepreneur. The benefit of it being an app versus a software program on a PC is that it can be used anywhere and on the go. This helps to serve each of these users when they need to consistently maintain tracking of specific items while not necessarily near a computer. The users are likely to engage with the app because it offers a simplistic and quick way to constantly monitor items for specific business purposes. The app is likely to fit in with the user’s lifestyle as it helps them to reach their individual and financial goals of keeping items consistently in stock and by alerting them to low stock items. These users are also likely to be mobile and need to the use app at various locations when required. Lastly, these users are likely to engage with the app for as long as they work on their business or place of employment that requires them to constantly monitor and track inventory.

*inventory tracker - Android Apps on Google Play*. (n.d.). https://play.google.com/store/search?q=inventory%20tracker&c=apps&hl=en\_US