The application that I have chosen is an inventory tracker. I decided on the inventory tracker because I audited inventory for twenty years in an architectural glass company. Most of the inventory data were manually entered in an excel sheet or imported from A + W software to obtain cost and more details. Some of the major components that I think are necessary for an app is to allow a user to login by using a username and password and storing it. I also believe but is not included in the requirement is creating an administrator. This can allow the administrator to manage the data, obtain and distribute the necessary data to others, approve it by adding or removing, and keep track of inventory and how it is managed. When login into the app, it should have a screen of the company's logo and a list of items. The items should be categorized in a data table with tracking numbers. Allowing the user to know the qty, stock date, time, type, size, and cost. The user can add and remove items and keep track of quantity and expiration date. The app should notify the administrator of changes or the time to re-stock when running low or avoid re-stocking when the product expires due to a lack of sales to minimize the quantity it stocks and losses.

The first app that I chose was "Stock and Inventory Simple." I chose this app because it had good reviews at 4.6. and the logo/text seemed welcoming since I did not want anything complicated. When first opening the app, there is a green screen with an image of a box and text letting the user know to follow the wizard for quick reference. This wizard reference is an arrow pointing to the bottom right. When I clicked the arrow, it took me to another screen allowing me to select the properties, such as Name, Barcode, Description, Unit of Measure, and quantity, by swiping the button next. After doing so, it provides a list of items following everything I have swipe selected. The nice thing about the app is that it allows me to use my phone to barcode and gives me the option to use sales and purchase prices if I like. After selecting all the features, it provides several components in a data table such as goods, documents, reports, supplier, customer, new incoming, new outgoing, expenses, the setting which allows export to excel, back and restore, and more.

The second app that I found was BoxHer. When I first opened the app it gave me the option to sign in with google or enter my email. Logging into the app allowed me to create or select a team. After completing the team, it enables me to organize inventory by type, Band, manufacture, size, lot number, storage, color, and notes and the option to add other components. It also allowed me to use a barcode with my phone or enter data manually and upload items to excel.

Overall the application “Stock and Inventory Simple” has similar components that I want to use, such as reports and keeping track sales of items, sale by date, profits, and losses. The BoxHer also has similar components, such as logging, and keeping track of items count in and out. However, I felt that it could have been easier to navigate.

The three different users should have goals that are similar and different. The users that I have selected is an administrator, employee, and customer. The administrator may want to keep track of all inventories in and out and make approvals based on profit and losses. The administrator may also want to review sales and negotiate with suppliers when profit or sales are not looking good. The administrator can bring new items or suppliers by adding them or removing them from the list. The employee might need to keep track of barcoding and re-stocking to prevent items from running too low or down to zero. The employee should keep track of in and out items dates to make rotations of products based on dates, expiration dates, or lifetime. The customer must have a list of all items, quantities, types, brands, and prices. The customer also needs the option to remove from inventory by adding to the cart and purchasing.

My app is created simply and should be easy to navigate, taking little time to engage with the app. I believe the user may engage with my app because it provides a login storing username and password, providing security. The user may also like to engage with my app because it simply provides a list of items and the option to add, remove, increase or decrease items. The user will also be able to keep track of items when running low or out of items. The app will fit the user's lifestyle because it is portable. You can carry the data by phone, allowing you to analyze inventory anytime.