Project One

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Inventory App

As a new member of Mobile2App, I was selected to develop any of the three available options for apps to develop. I decide to select the Inventory App. The Inventory App is an application that will help the user to keep track of their inventory, also the Inventory App will require authentication credentials like username and password, and if the user has never used the Inventory App before, it will allow them to create a username and password. The Inventory App allows the user to add and remove items from the inventory. If the item is already in the system, users are available to modify the quantity by increasing or decreasing it. In case the number of items will be reduced to zero, the Inventory App will notify the users.

The Inventory App would be developed efficiently to allow a bigger number of users to have access to it. From business owners to single individuals, the Inventory App will benefit everyone’s life and will improve a more organized inventory. At first, we thought that business owners and managers in retail stores or warehouses would be our focus since they must keep up with the inventory to manage profits, losses, shrinks, and prevent a low or high inventory. But as we develop the Inventory App, we notice a high number of people must keep track of their inventory, one big target that we notice is the inventory of household goods. Household goods are extremely important to manage the quantity of since most people have busy lives and it’s hard to remember what is missing at the house. Also, having an inventory can help users to save money in the long run. The Inventory App can provide a lot of benefits to users by managing their inventory.

The Inventory App would have a design simple and easy to understand for better interaction with the users. First, when the user opens the Inventory App, it will display and screen that would require the username and password, if the user has never interacted with the Inventory App, it will have a button at the bottom that will let the users register to the Inventory App. If you press the button for new users, the Inventory App will display a section that will require a username and password to register the users. When the users were able to successfully log in to the Inventory App, the Inventory App would display images of the items in the inventory and a small description of the items. The Inventory App will contain a magnifying glass for searching for the item in the inventor and next to it we are thinking of a plus sign for the option of adding items to the inventory. When the user selects any item and the Inventory App displays the image, the user will have the option of increasing or decreasing the number of items in the inventory and case the inventory. If the number of items goes to zero, the Inventory App would display a message to warn the user that the inventory on certain items is empty.

The Inventory App will have an efficient interaction with the app, we minimize the complicity. First when the username and password will be verified in a store database which will contain all the usernames and passwords. If the users create a new account, their information would be stored in the database. The system Inventory App would verify the username to prevent two or more usernames the same. After successfully logging in, the Inventory App will display all the items and their specifications stored in the database in form of a list. If the user is browsing for specific items, the Inventory App would allow the user to search by the name in the database and select it if found it. In case the users would like to add a new item to the inventory, the database would allow the users to add new items to the database with specifications and images. Tapping in the desire of the item, users are allowed to modify the quantity storage by tapping the plus (increasing) or minus (decreasing) sign and this allows access to the database for quantity modification. If the items will no longer be in the inventory, the users can access the database to remove them from the storage items in the database. In case the number drop to zero in the database, the app will notify the user and display a notification to warm about the shortage of certain items.