ELECTIVES REPORT

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# WHAT DOES MY APP DO?

The Purpose of my app that I designed is to serve as an Inventory management system which is to be used by the owner to basically store equipment which is it stock.

So, the app can INSERT, DELETE, UPDATE, VIEW, EDIT as well as SEARCH for any inventory item that was inserted into the database for track keeping purposes.

# WHAT DOESN’T MY APP DO?

* Display images when having to insert, view or even search for inventory items since only the owner will be the one using the app.
* My app is unable to put different inventory items into grouped categories so that they will be found easier.
* My Login page cannot capture details of person using it and store it in the database as the main purpose of the app is not to do that.
* My Register page also can’t capture the individual’s information and store it in the database. Both the login and register page act as default pages.
* My app does not serve as a store app for customers to pick and choose what equipment item they want.

# ANY ISSUES THAT YOU ENCOUNTERED?

The main issues that I encountered when coding this app was mainly with functions related to the database

INSERT FUNCTION: when initially coding my insert function I was having a lot of trouble as my app did not for some reason want to insert new values. Reason for this was because the variables which I was inserting into the database the Name, supplier and quantity etc where all mixed up and not in the correct order so after correcting that then it worked.

SEARCH FUNCTION: This function I struggled with the most. I wasn’t sure if I was supposed to create a separate page or not so after thinking it over for a couple of days, I decided that I will create another extra page for it. Since the ID is auto-Increment it was very difficult to add my own ID number as the program decided on its own to give a unique id number based on the amount of equipment stored in the database

CATEGORIES: I was unable to complete this function of allowing my app to put the different inventory items into different categories whenever I would run my app and try to insert a category my app would crash. After struggling with it for too long I decided to leave it out of my app.

LOGIN PAGE: when creating my login page, I was having trouble having my database recognize the individuals name that was stored in the database after struggling for a few days and realizing that I don’t need it I left it and just made the login page a default one since my app doesn’t really revolve around that.

REGISTRATION PAGE: I had trouble having my program capture the data of the individuals and storing it in the database so after struggling with it for a couple of days I also decided to leave it out of my application and to just create a default registration page.

DESIGN ASPECTS: Initially when my app was directed towards the customer what I wanted to do was add images and scrolling bars etc to make my app look more appealing, but this became a problem task as I was unable to connect my SQLite database to my complicated design. So, with switching my app from the customer to owner I reworked my design to a simpler look.