Module 03 Project Status Report I

* Select the topic of your Final Python tkinter GUI application. For example, your application might address the opportunity to create an initial Python tkinter GUI application for a company's pizza ordering system.
  + Your application must be approved by the instructor. Provide the following information:
    - The name of the GUI application.
    - What is the purpose of the Application?
    - List the reason you are creating the Application.
    - What do you want the Application to accomplish? List the goals you have for the Application.
    - Who is your target audience? Describe your target audience by age, gender, socioeconomic characteristics, and so on.
  + Create an outline of your Final Python tkinter GUI application.

1. Project topic: Application for plastics company paperwork and documentation. (Company I work for)
2. Name: LYB Operational Brain
3. Purpose: To Centralize and contain all necessary documentation for day to day work, Eliminate the need for hand written documents and ease connectivity across global company.
4. Goals: Contain documents in modules for safety paperwork, checklists, runtime sheets, guideline papers and to update a database of sorts that can be accessed and assessed for changes in formulation and for end of shift totalization. Also ease the process of audits which currently take days and weeks of assessing handwritten documents. Save time and money eliminate errors
5. Target Audience: This would be a design for this entity, It would be built specific to the site and for the procedures there in. Furthermore it would be able to be redesigned to suite the needs of other plans with subtle changes of documentation, whereas it could be implemented amongst this company and others like it. It would have to be simple as the product would need to be used by even entry level operators. So wide age range and low skill set. Should not need to be tech savvy to operate.

LYB Operational Brain

Outline

1. Login ( enter username and password for site) (already issued to employees)
2. Option button to enter document screen or supervisor screen
   1. Supervisor screen

Totals section

List of completed paperwork ( possible reconfiguring of this section as I develop)

1. Document screen .Buttons to select desired documentation
   1. Checklists
   2. Runtime
   3. LOTO sheets
   4. Mix sheets
   5. More to possibly add
2. Interface to select machine
   1. C51 etc. ( this will be a list view of machines within facility to select from)
3. Once machine Is selected screen will go to area for specific documents
4. Documents must be writable and auto save into files to be viewable.
5. Exit or back up button to go back to previous screens
6. Buttons to add multiple documents to a viewable list at one time during shift
7. Section for adding totals and weights at EOS
8. Add on for Warehouse use.

I am still compiling information and sorting this out for operation and simplicity. This project would make this a basic functionality as most of this would be a large undertaking but I feel the need is there for this and I would like the chance to develop this project bones to see if it would be an asset for use or a complete mind numbing mess. It would follow the guidelines of this assignment and include the necessary parts for completion.