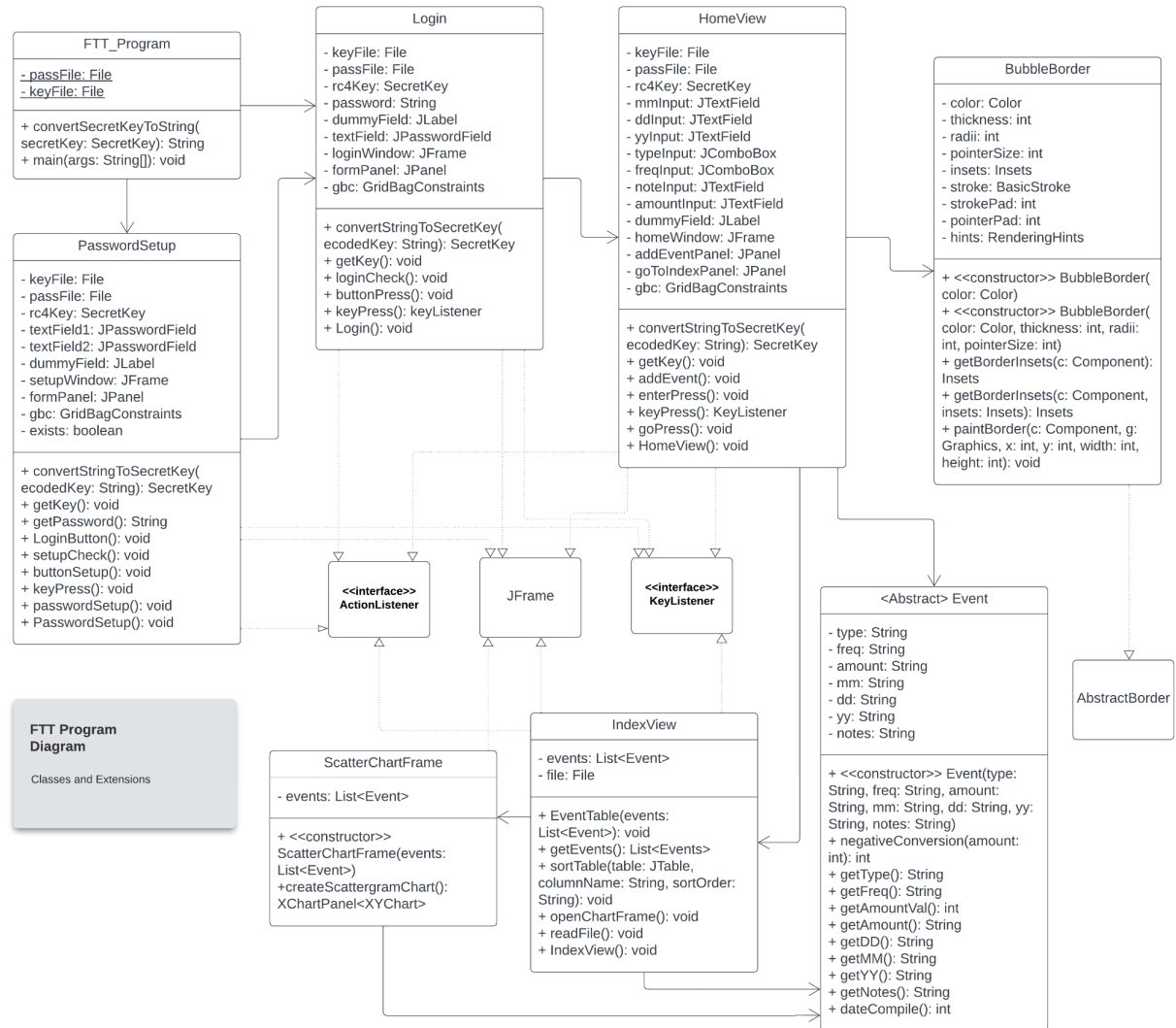


# Criterion B: Design

## Different levels of draft design :

- Diagram of class construction and pathing for entire program.



- Mock of primary layout in program. It contains needed fields, greeting for client, and friendly layout similar to a physical check.

Welcome, \_\_\_\_

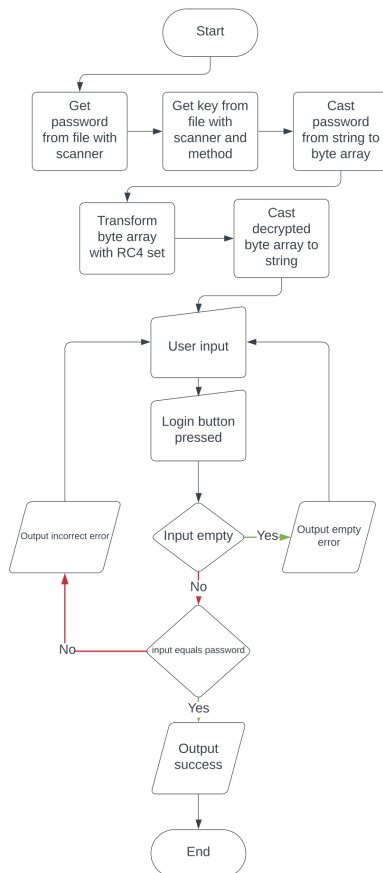
Type:  Frequency:

Notes:  Amount:

Mm/Dd/Year:

[Go to data portal](#)

- Secure login check logic to take encrypted data from device and transform for comparison to same type as user input.



**Test plan:**

Actions to be tested	Test method
All the graphical interfaces are doing their appropriate functions and executing proper methods	Run the program multiple times to test individual features linked to graphical elements with various inputs and check if they are performing the desired functions. Beta test with non-client user. Test edge cases.
Program is able to output grouped data in viewable graphical format	Frame with the inputs categorized in a table to see if all the materials in the database are displayed.
Data visualization is able to be reoriented from users choice of method	Run the method multiple times with different sets of data to test functionality of sorting algorithms and graphical elements.
Program is able to group several data inputs as one event	Run the data visualization method multiple times with different sets of data to test functionality of storing algorithm.
Program is able to compare user inputted string and compare case sensitivities directly with password constant	Run password method multiple times with different variations of edge cases in the input.
Program is able to write and read directly from operating system via text files	Run the data input method multiple times with different data values and then cross reference with recorded data in computer text files.