Banking Management System

## Software versions/ flow:

Version 0.1:

* Consists of classes as per pages in software
* Object definition and initialization regarding each page components handled in their respective class files
* Better memory management (Stack one)
* Completed Page 1 with 3 text label, 2 text field, constant bg-image, ( 4:3 ratio based login page), 3 buttons
* Button 2 functionality completed

Version 0.2:

* Consists of classes as per pages with an exclusive UI file containing necessities such as addLabel, addTextField functions each with parameters for their respective field
* Said UI class file acts like a parent file for the other page specific file
* Each page specific files consists of object initialization and function calls as per their need
* Considerably bad in comparison in memory management (Stack) easy to work with (redundant code).
* Reworking the page 1 (Seperating UI components in a separate file)

To DO //

* Combine addLabelWithTextField2 and addLabelWithPasswordField2 in UI.java by adding another parameter that checks if the input to be taken is to be hidden or not?
* ~~Regex!!!! Put that shit in!!!//done~~
* Set up regex to take 16 digits as card number and 4 as PIN
* Introduced another regex as hardRegex as arg to be passed due to clear button issue
* Unable to clear without regex ease thus 2 regex introduced
* Used DocumentationFliter to use regex in the text fields

Version 0.3:

* Introducing 2nd page Sign up
* Plan to use same UI class
* Messed up the UI to bring back the default text box with rounded border

To DO //

* Rename UI to UI\_and\_Functionalities or something.
* ~~Store the application no. somehow anyhow!!!!~~
* Shift main page(Login page) buttons by 10 or 5 px each!
* Set all text font default black!
* Make custom bg using canva or word pg background or something
* ~~IMP!!!!!!!!!!!!!!: //change this into label + one button + one button + group said 2 buttons for data capturing addLabelWithRadioButton2("Gender", "Times New Roman", Font.~~*~~BOLD~~*~~, 20,  
  100, 290, 200, 14, 310, 290, 400, 290, 90, 30, 90,  
  "Male", "Female");~~
* Set the font or change the radio buttons positioning
* Either fuck the rounded corners or correct them!

Version 0.4:

* finished 2nd page Sign up
* UI done of second page
* Introduced radio buttons in the UI class
* Redid UI class now as UI2 due to major errors
* Changed (added extra parameter for future increase) UI parameters
* Introduced colouring option for text labels in almost every possible UI method

To DO //

* Combine addLabelWithTextField2 and addLabelWithPasswordField2 in UI.java by adding another parameter that checks if the input to be taken is to be hidden or not?
* Rename UI to UI\_and\_Functionalities or something.
* Shift main page(Login page) buttons by 10 or 5 px each!
* Set all text font default black!
* Make custom bg using canva or word pg background or something
* Set the font or change the radio buttons positioning
* Either fuck the rounded corners or correct them!
* ~~DB install MySQL not the workbench whole thing!~~

Version 0.5:

* Introduced Database
* Initiated signUp page 2
* Table is connected for SignUp page 1 and is receiving entries

To DO //

* Combine addLabelWithTextField2 and addLabelWithPasswordField2 in UI.java by adding another parameter that checks if the input to be taken is to be hidden or not?
* Rename UI to UI\_and\_Functionalities or something.
* Shift main page(Login page) buttons by 10 or 5 px each!
* Set all text font default black!
* Make custom bg using canva or word pg background or something
* Set the font or change the radio buttons positioning
* Either fuck the rounded corners or correct them!
* Where is the table? Find that out
* Never do swing again never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never never again will I use swing
* Add checks and regex in the colums
* Get age via dob + get a senior citizen info like if above a certain age we pass yes in this column
* Updated the UI2 Class by introducing The DROPDOWN thingy (took 6+ hrs )
* As per original project we are not taking religion and age we should be able to calculate it ourself

Version 0.6:

* Made SignUp3 page
* Updated UI class with cheque box function akin to radio box used similar helper function

To DO //

* Combine addLabelWithTextField2 and addLabelWithPasswordField2 in UI.java by adding another parameter that checks if the input to be taken is to be hidden or not?
* Rename UI to UI\_and\_Functionalities or something.
* Shift main page(Login page) buttons by 10 or 5 px each!
* Set all text font default black!
* Make custom bg using canva or word pg background or something
* Set the font or change the radio buttons positioning
* Either fuck the rounded corners or correct them!
* Where is the table? Find that out
* Bundel up Sign-Up pages introduce a clear button, ensure the data is appended to the table only when the last page (sign up 3) cheque box is ticked (make it so it can only be accessed when all entries are filled)
* Regex
* Generate card number and save it for almost every submitted form
* Pass colour in buttons else just look at the login page and cry about it
* Look up inner class for the multiple ATM function
* NumberFormatt the CardNumber on return

Version 0.6:

* Completed the Sign Up section moved to the main interface of ATM
* Messed up due to bg image scalling issue especially the bg and page default opening
* Forced to remake the opening and make another non parameterized constructor

To DO //

* Combine addLabelWithTextField2 and addLabelWithPasswordField2 in UI.java by adding another parameter that checks if the input to be taken is to be hidden or not?
* Rename UI to UI\_and\_Functionalities or something.
* Shift main page(Login page) buttons by 10 or 5 px each!
* Set all text font default black!
* Make custom bg using canva or word pg background or something
* Set the font or change the radio buttons positioning
* Either fuck the rounded corners or correct them!
* Where is the table? Find that out
* Bundel up Sign-Up pages introduce a clear button, ensure the data is appended to the table only when the last page (sign up 3) cheque box is ticked (make it so it can only be accessed when all entries are filled)
* Regex
* Generate card number and save it for almost every submitted form
* Pass colour in buttons else just look at the login page and cry about it
* Look up inner class for the multiple ATM function
* NumberFormatt the CardNumber on return
* Again remake UI class
* Remove unnesessary fuctions and add a Boolean for the rounding border or not atlest the plain text field is working
* Do the DSA already u dumb fuck
* Correct the checks and redo all the checks basically
* Check gpt pointed issues

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