



DOBBS

YOUR FAVOURITE FINANCIAL ASSISTANT

DOBBS MANUAL

This is the Official Manual for the Windows Presentation Foundation (WPF)

THOMAS ROSSOUW
19331715

Background

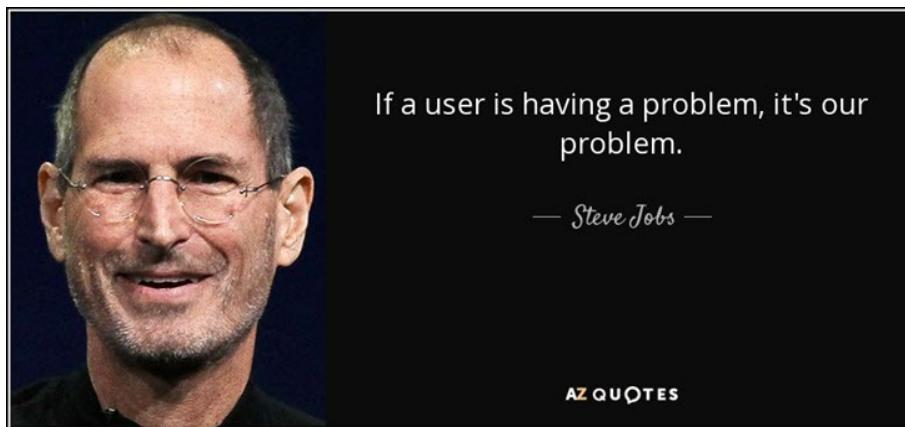
DOBBS was made with the intention of helping its Users, with the financial side of the rental process, home bond process and vehicle assistance process. DOBBS also includes a Monthly Saver Calculator to help Users to know how much saving it will take over their desired time period. The utmost effort was put into every window to ensure that the design is User-friendly. It was important that we were able to carry over the User's income throughout the program for the purpose of the home and vehicle approvals, it was with this feature we were able to see the eligibility of our User's approval or denial.

Although the User is going to need to navigate through various windows, it is all dependent on them, and their needs. Every decision will result in a different window being displayed, giving the User the power to see to their finances.

Although this program is still in development, forever improving for the benefits of its Users. It is currently equipped to provide its Users with the most accurate outputs. It should be noted that the textboxes do not allow for any letters when typing.

We are excited for our Users to use DOBBS and hope that they have a great time and get everything they need out of DOBBS.

Thomas Rossouw



<https://instrktiv.com/media/user-manual-template/user-experience.jpg>

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Main Page



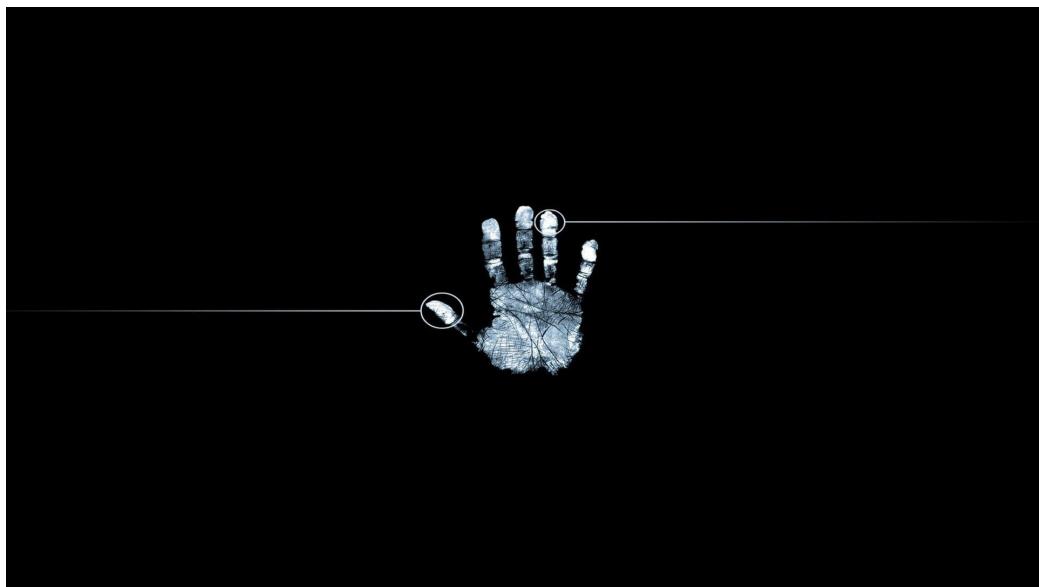
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Services Page



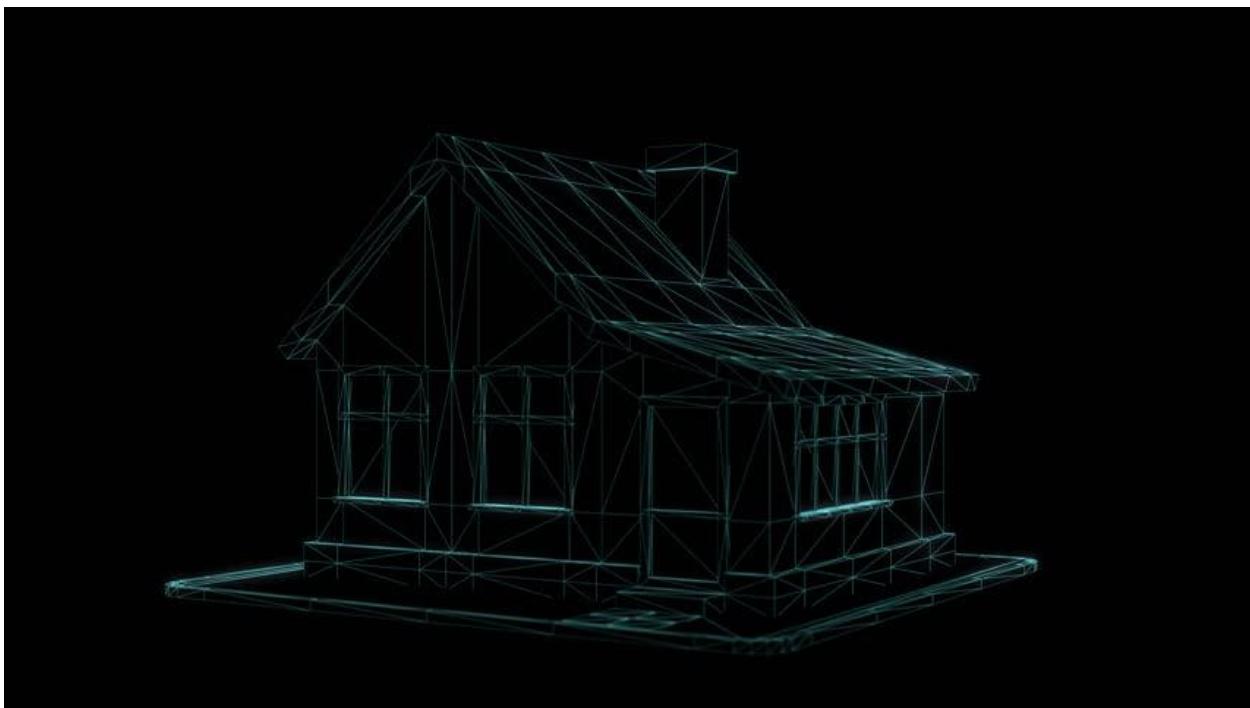
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Rental Page



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Purchasing / Bond Page



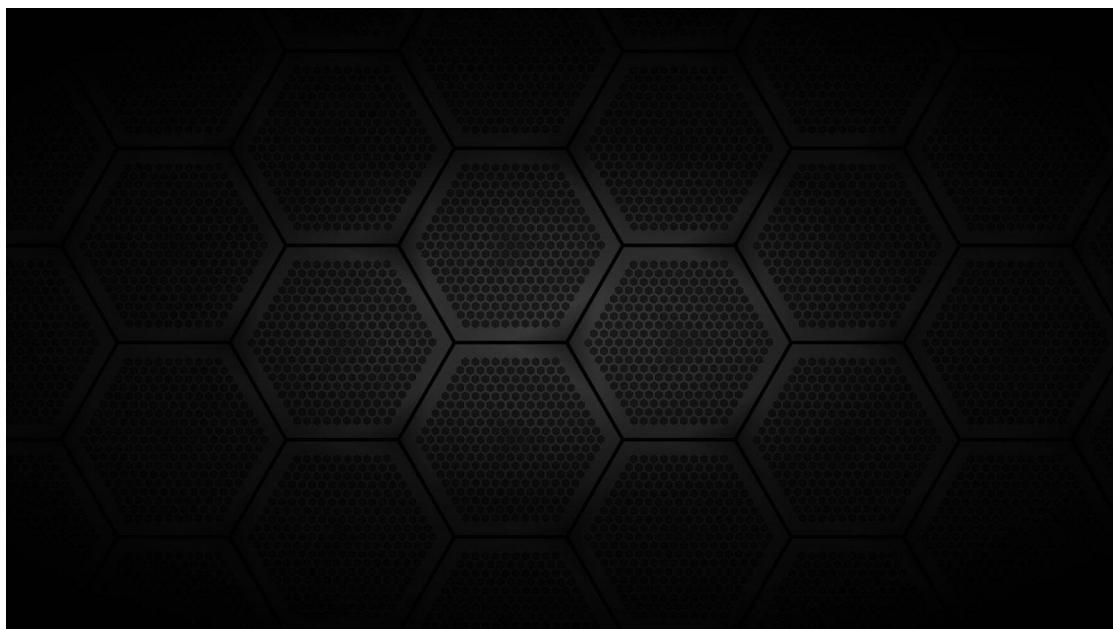
<https://ak.picdn.net/shutterstock/videos/1014011960/thumb/4.jpg>

Vehicle Page



<https://www.motortrend.com/uploads/sites/5/2013/06/2014-Ferrari-LeFerrari-engine-blueprint.jpg?fit=around%7C875:492>

Monthly Saver Calculator Page



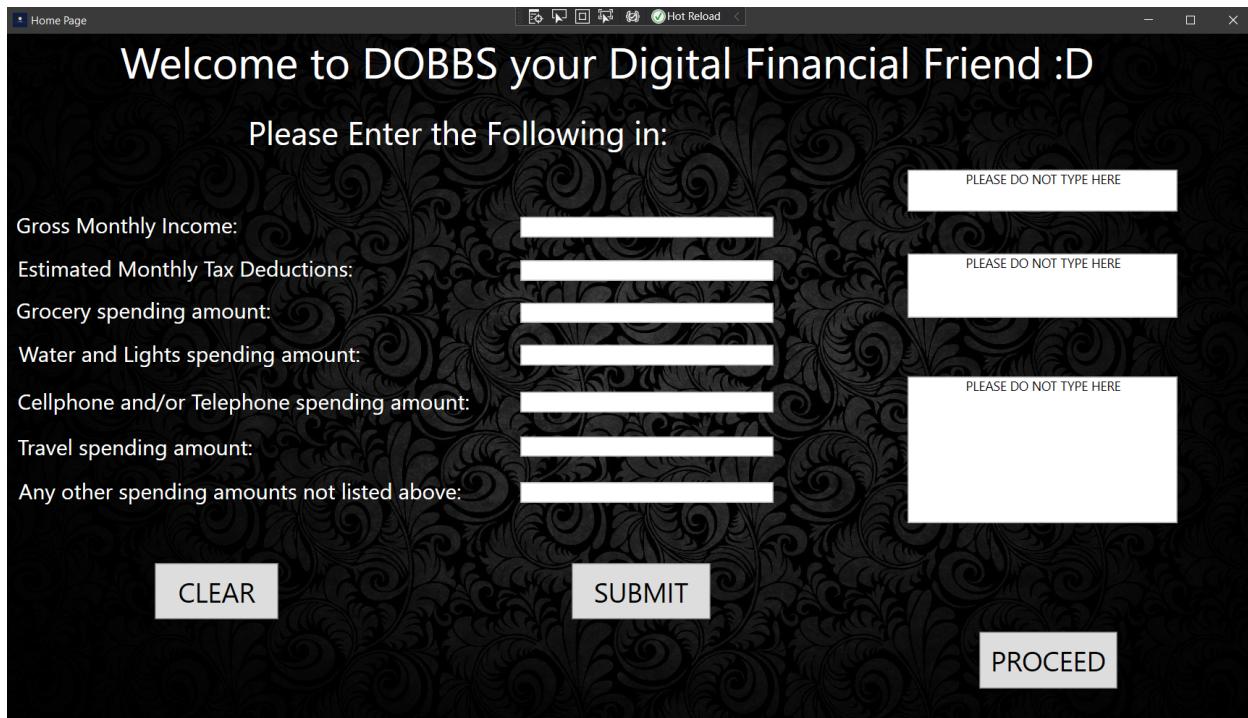
<https://wallsdesk.com/wp-content/uploads/2016/08/Black-Abstract-HD-pics.jpg>

Choice Page



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Main Window



Labels:

There are labels throughout the window that help to guide the User to what we require, such as their Gross Monthly Income, Expenses, and their Taxes. The heading welcomes the User to the Program, DOBBS.

Textboxes:

The textboxes that are aligned with the labels prompt the User to enter their details, it isn't stored in any server but is rather kept within DOBBS's memory. This means that once DOBBS is closed, the data is erased. There are three textboxes on the left, they provide the outputs of the User's entered data. It states "PLEASE DO NOT TYPE HERE" this is to ensure that the User is sure to leave it open.

Buttons:

The "CLEAR" button will clear all the entered data within the textboxes, leaving the cursor in the first textbox, the User's income. By pressing the "SUBMIT" button the User is getting their data stored within DOBBS and allowing for the output to take place. The "PROCEED" button takes the User to the next window, it is important to ensure that the data is entered and the "SUBMIT" button is pressed before pressing the "PROCEED" button.

Main Window Output

The screenshot shows a web-based application window titled "Welcome to DOBBS your Digital Financial Friend :D". The interface includes a header bar with icons and a "Hot Reload" button. Below the title, a message says "Please Enter the Following in:". The form contains several input fields with placeholder values:

Gross Monthly Income:	1000000	-----Salary After Deductions----- R9776100
Estimated Monthly Tax Deductions:	200000	-----Salary Minus Tax----- R9800000
Grocery spending amount:	10000	-----Details of Client----- --Gross Salary: R10000000 --Tax Deductions: R200000 --Groceries: R10000 --Lights and Water: R3000 --Cellphone Bill: R7000 --Travel Cost: R9000 --Others R900
Water and Lights spending amount:	3000	
Cellphone and/or Telephone spending amount:	7000	
Travel spending amount:	9000	
Any other spending amounts not listed above:	900	

At the bottom left are "CLEAR" and "SUBMIT" buttons. At the bottom right is a "PROCEED" button.

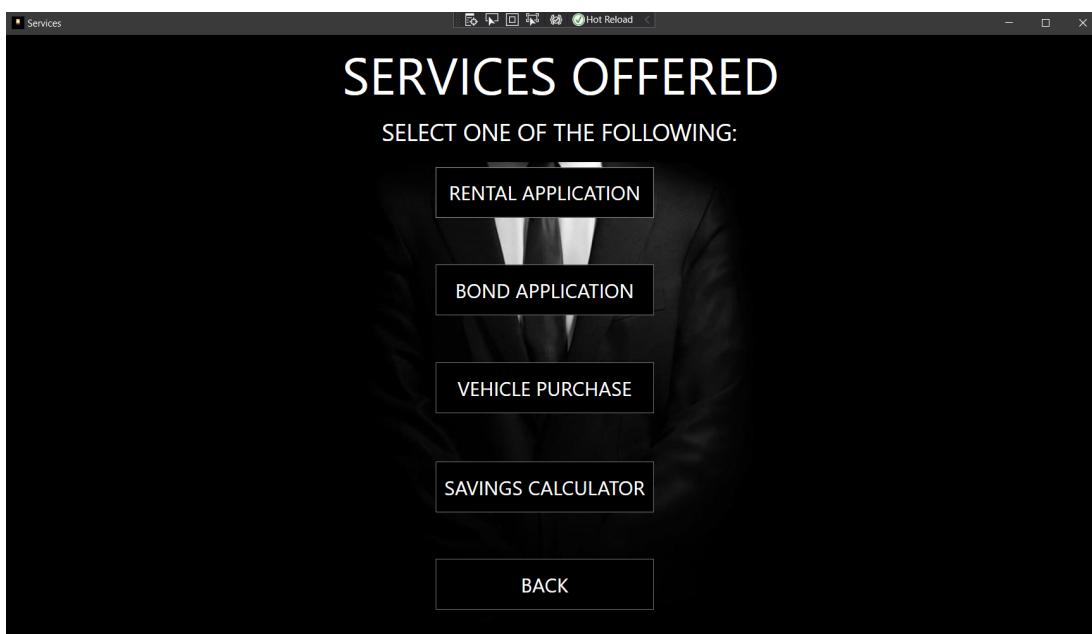
The output of the Main Window is above, the User has entered in their values. The output on the right displays the 'Salary After Deductions', 'Salary minus Tax', and 'Details of Client'.

This was all achieved but following some basic steps:

1. Reading the label that corresponds to the textbox.
2. Inputting the relevant values in the right textbox.
3. Pressing 'SUBMIT' to allow DOBBS to output data.

By pressing "PROCEED", the User will continue to the next window

Services Window



When this Window appears at first, you are able to see the Heading (Big Label). We went for a simple but classy background that helps to add the excitement of the program.

Buttons:

"RENTAL APPLICATION" button, when clicked will bring up the Rental Window, allowing the User to enter in their Rental Amount.

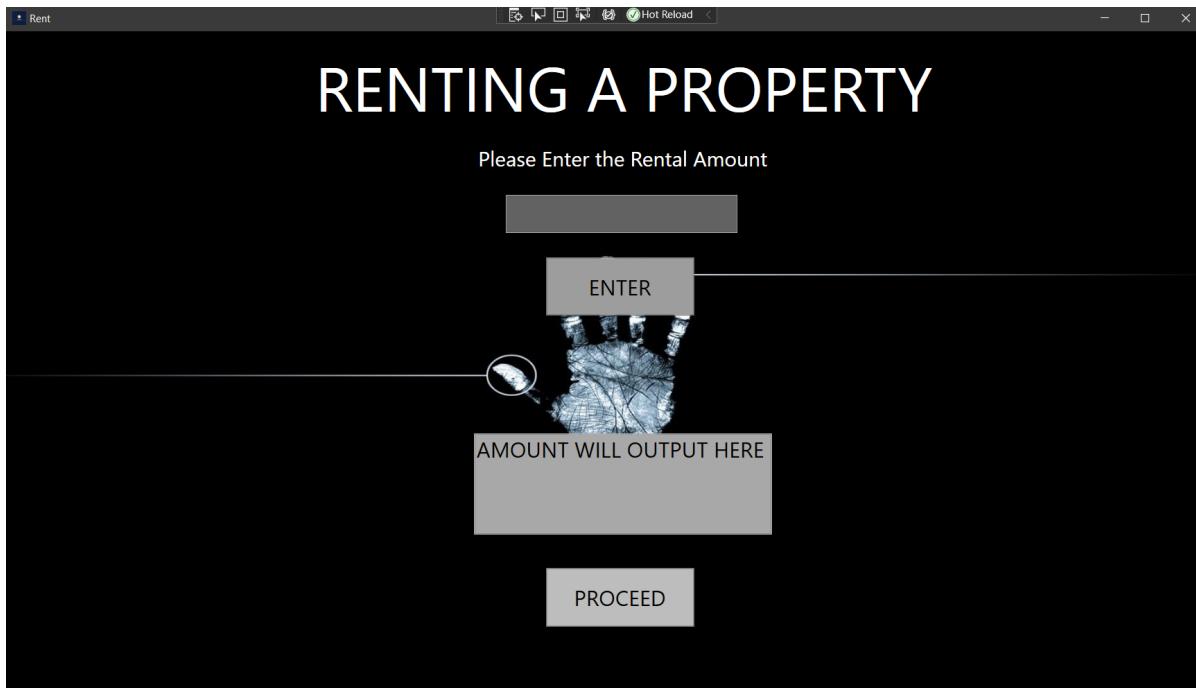
"BOND APPLICATION" button is used for those looking to secure a bond on a new home. By pressing the button, the User is taken to the Window where it prompts for information to calculate your eligibility for a home loan.

"VEHICLE PURCHASE" button, when clicked will bring the Vehicle Window, this will allow the User to input data that is needed and will check the eligibility of the User for the Vehicle Finance.

"SAVINGS CALCULATOR" button is used to bring up the Monthly Savings Window. It prompts the User for the number of years and the amount, to calculate the Monthly Saving amount.

"Back" button, when pressed, will close DOBBS and have a pop up message accompanied.

Rent Window



When the Window first appears your eyes are drawn to the Heading (Big Label), the background is simple but gives the finished feel.

Label:

Besides the Heading, there is a label that prompts the User to enter in their Rental Amount.

Textboxes:

The smaller textbox, is the textbox that the User is prompted to enter in their amount.

The bigger textbox is the output box, "AMOUNT WILL OUTPUT HERE" is in it. This is to let the User know not to touch it.

Buttons:

By pressing the "ENTER" button, the User is allowing DOBBS to take the amount and output it.

By pressing the "PROCEED" button, the User is letting DOBBS know that they want to move to the next Window.

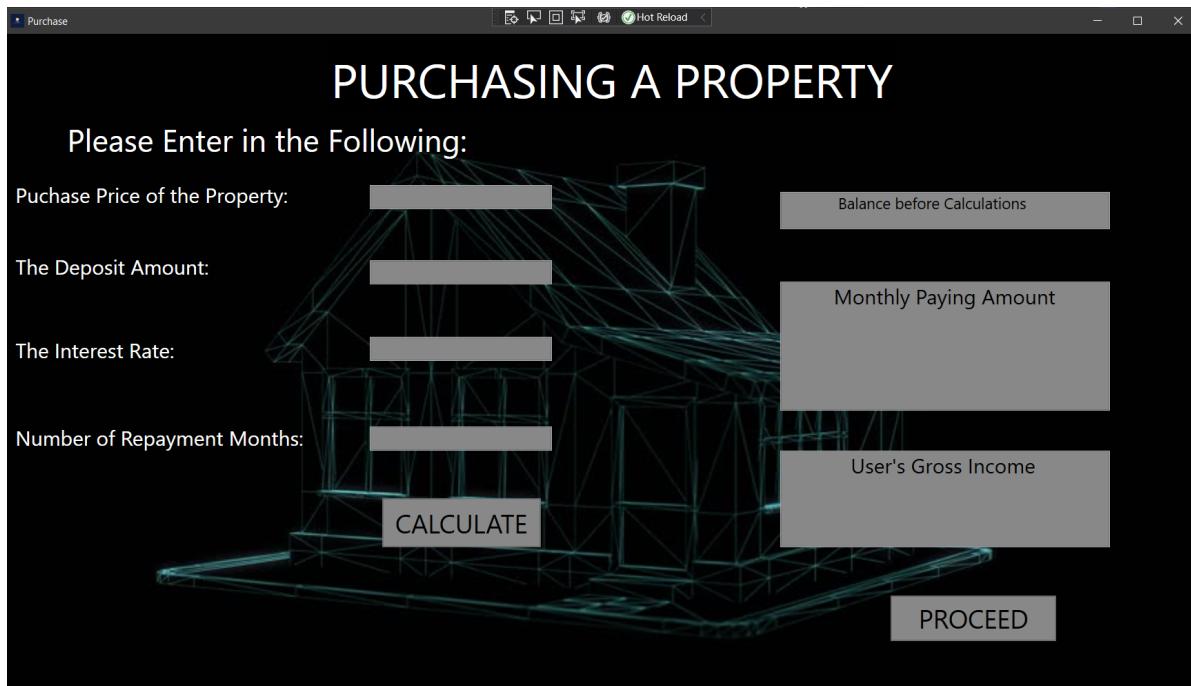
Rent Window Output



Above is what DOBBS requires the User to do, should they choose the Renting of a Property Window.

By pressing the "PROCEED" button, the User is letting DOBBS know that they want to move to the next Window.

Purchasing / Bond Window



Labels:

The labels prompt the User to enter the required data.

Textboxes:

The boxes lined up with the labels are the boxes that the User puts values into and DOBBS takes those to output.

There are three textboxes for output, "Balance before Calculations", "Monthly Paying Amount", and "User's Gross Income".

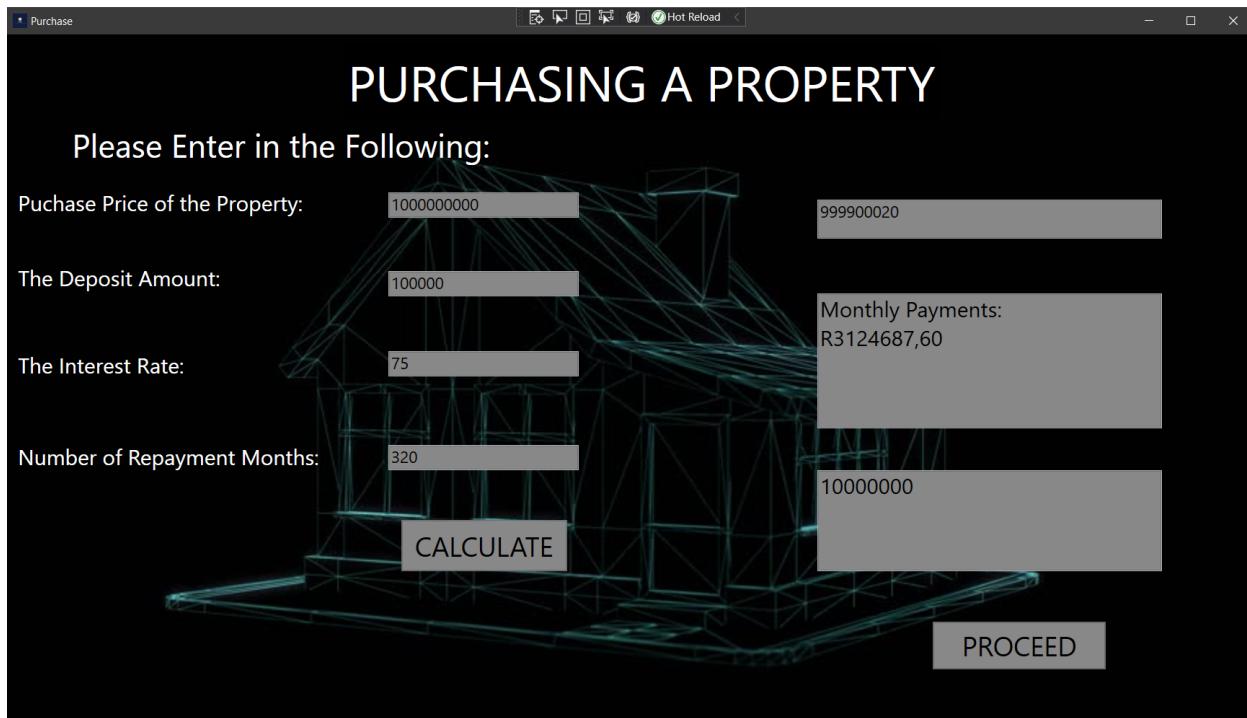
The "Monthly Paying Amount" is the Monthly Repayments. The "User's Gross Income" is the amount the User enters in the Main Window.

Buttons:

By pressing the "CALCULATE" button, the User is allowing DOBBS to work out the Balance before deductions, and the Monthly Repayments. It is important to note that everything is worked from the User's Income in the Mainpage Window that is inputted.

By pressing the "PROCEED" button, the User is letting DOBBS know that they want to move to the next Window.

Purchasing / Bond Window Output



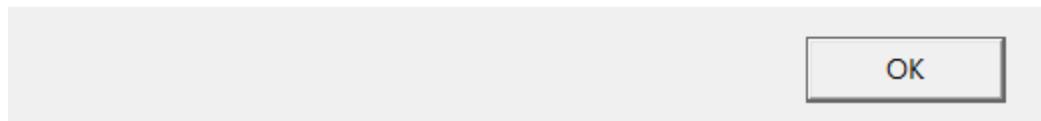
This Window is special as the User inputs the data and it is outputted on the right, and from all that data are told by DOBBS if they are eligible for their home loan.

By pressing the “PROCEED” button, the User is letting DOBBS know that they want to move to the next Window.

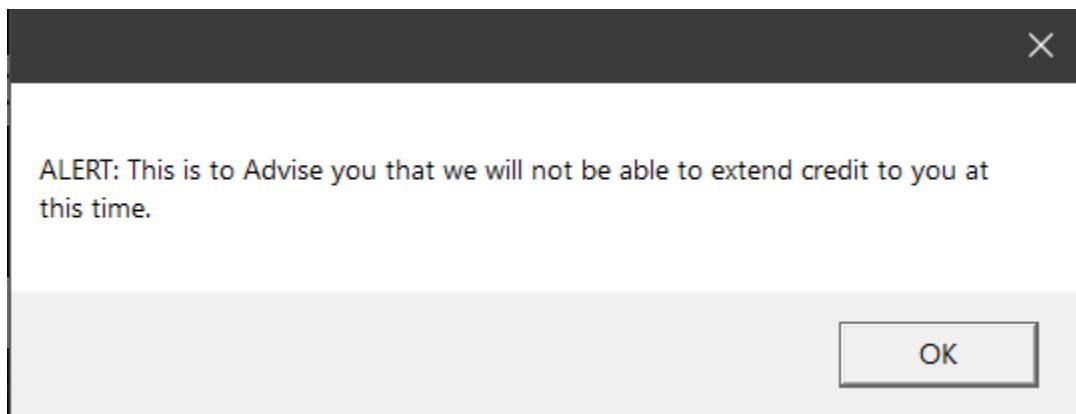
Pop Ups



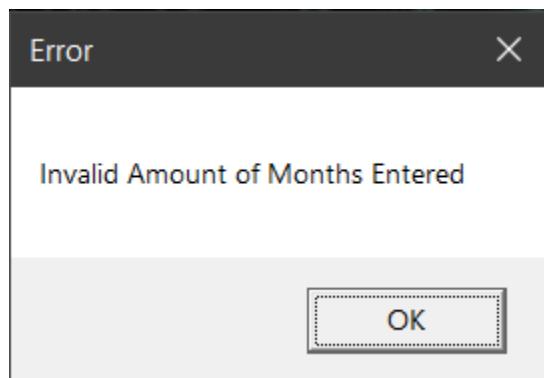
CONGRATS: We are delighted to inform that your loan application has been approved.



This is to notify the User that they are eligible for a Home Loan.

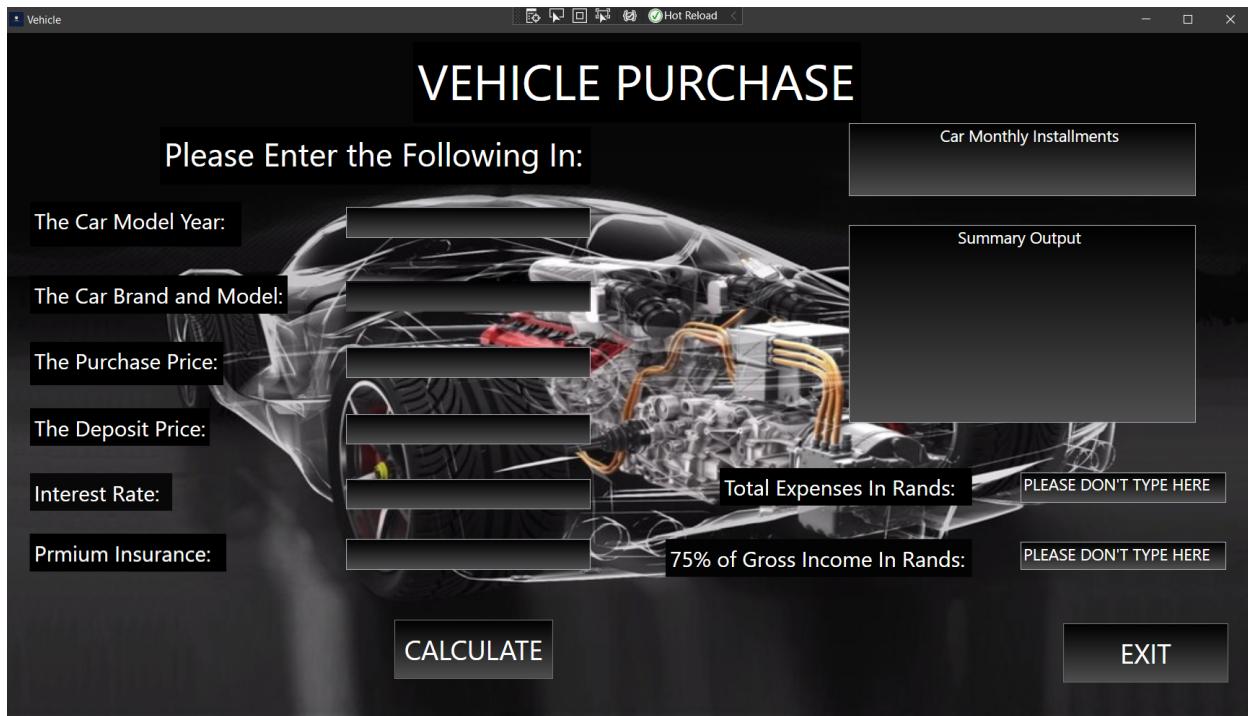


This is to notify the User that they will not be able to secure a Home loan.



This message will pop up due to the User only being able to enter in Months between 240 and 360.

Vehicle Window



Labels:

At the top we have the Heading (Big Label) that catches the eye of the User and notifies them of the window. All the labels on the left prompt the User for an output. Both labels on the right are to notify of the output.

Textboxes:

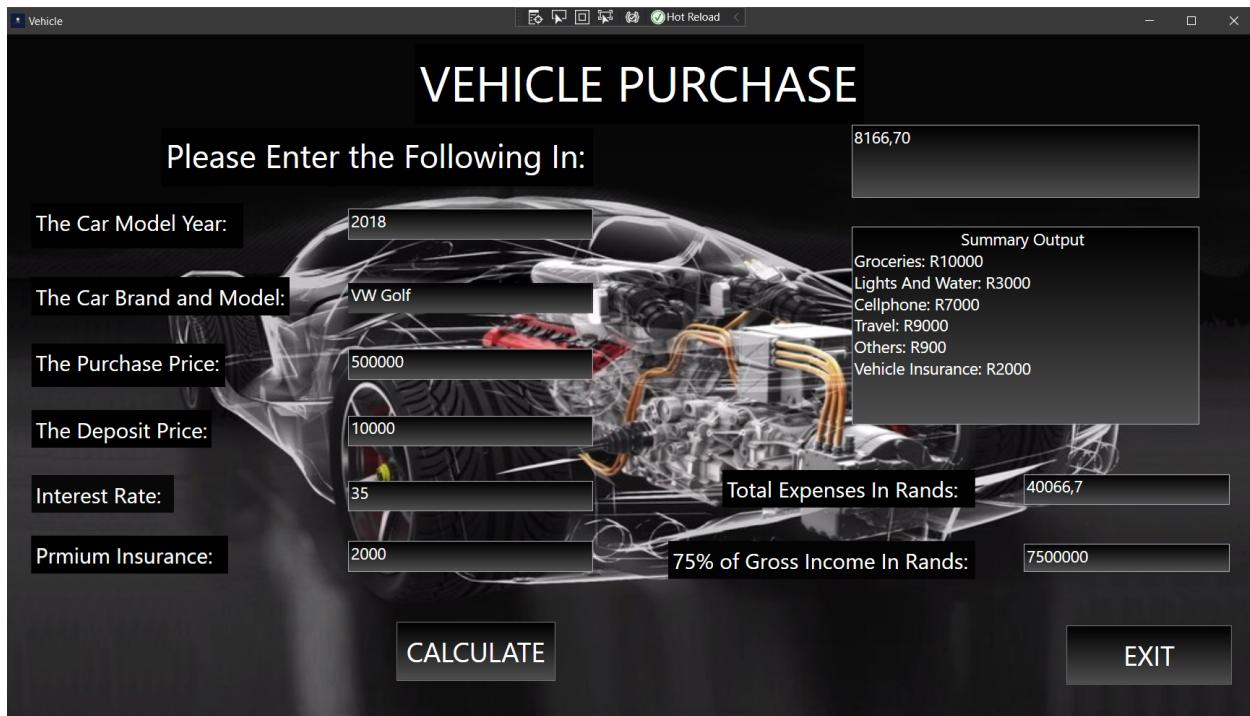
There is textboxes for "The Car Model Year", "The Car Brand and Model", "Purchase Price", "Purchase Price", "Deposit", "Interest Rate", and "Premium Insurance" are what the User enters so DOBBS can output the "Car Monthly Installments", "Summary Output", "Total Expenses", and the "75% of Gross Income".

Buttons:

By pressing the "CALCULATE" button, the User is allowing DOBBS to work out the Car Monthly Installments, Summary Output, Total Expenses and the 75% of Gross Income. It is important to note that everything is worked from the User's Income in the Mainpage Window that is inputted.

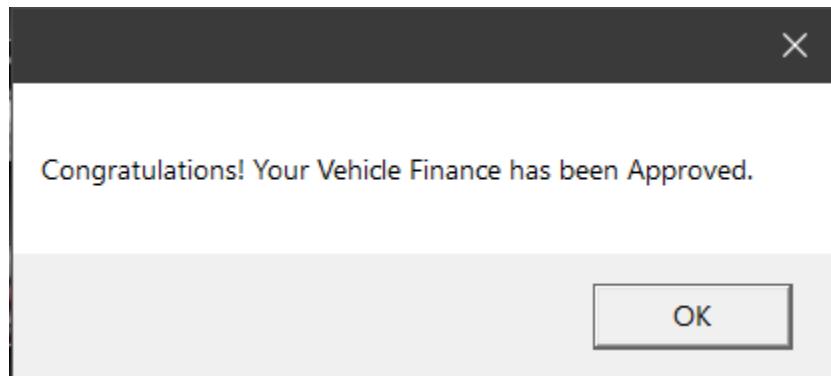
By pressing the "PROCEED" button, the User is letting DOBBS know that they want to move to the next Window.

Vehicle Window Output

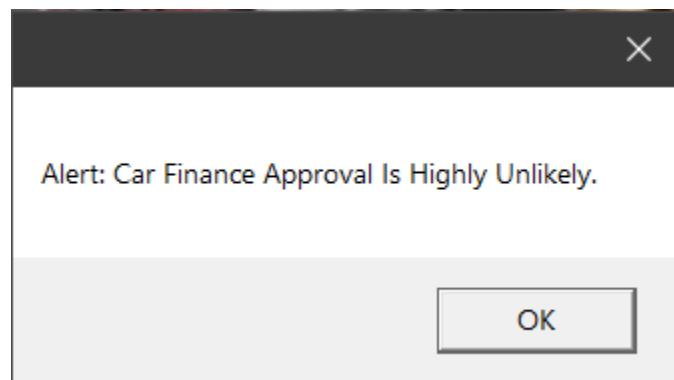


This Window is special as the User inputs the data and it is outputted on the right, and from all that data are told by DOBBS if they are eligible for Vehicle Finance.

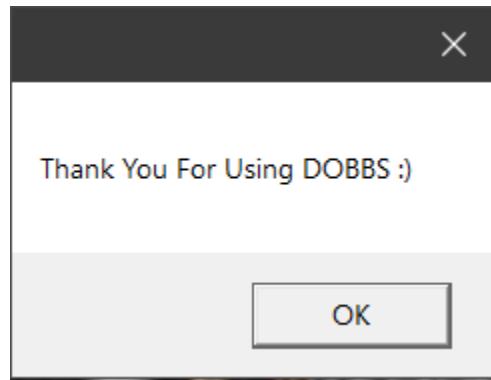
Pop Ups



This is to notify the User that they will be able to get the Vehicle Finance.



This is to notify the User that they will not be able to get the Vehicle Finance.



This is the Popup that appears when the User presses the “EXIT” button.

Choice Window

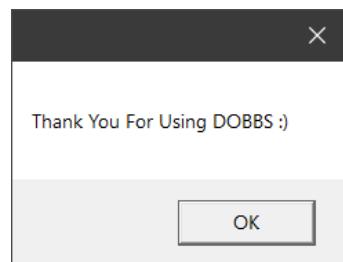


As per Task 2, we were able to add a feature that will ask the User if they would like to purchase a vehicle. Although it is a simple design with minimalism within the window, DOBBS needed some fun elements so we hope you enjoy this window as much as we do.

This window will appear after the Rent Window and the Purchasing / Bond Window, after pressing the “PROCEED” button on the relevant Windows.

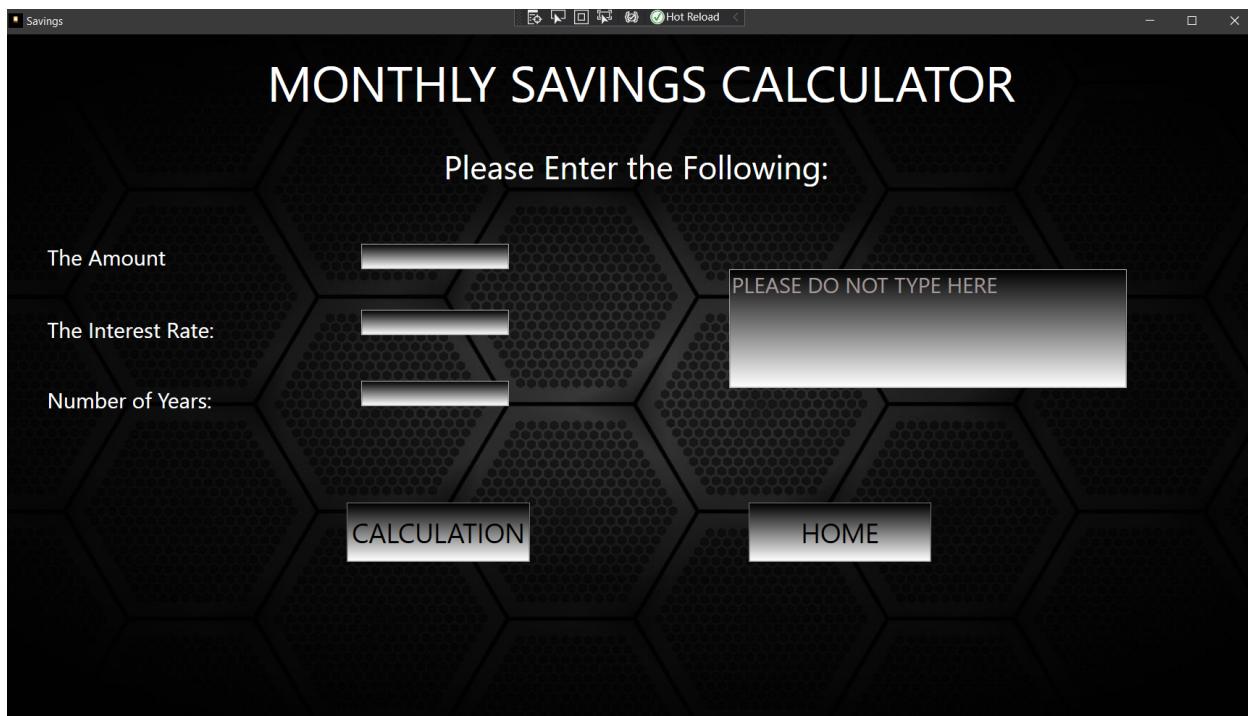
There is also an option within the Services Window to go straight to the Vehicle Purchasing Window.

Pop Up



This will appear when the “NO” button is pressed.

Monthly Savings Window



Labels:

At the top we have the Heading (Big Label) that catches the eye of the User and notifies them of the window. All the labels on the left prompt the User for an output. Both labels on the right are to notify of the output.

Textboxes:

There are textboxes for "The Amount", "Interest Rate ", and "Number of Years" are what the User enters so DOBBS can output the "Monthly Saving Amount".

Buttons:

By pressing the "CALCULATION" button, the User is allowing DOBBS to work out the Amount needed to save. This window isn't connected to the User's Income.

By pressing the "HOME" button, the User is letting DOBBS know that they want to go back to the "SERVICES WINDOW".

Monthly Savings Output



As per the POE, we were given the choice of two questions to complete.

The Monthly Savings Calculator is the newest addition to DOBBS.