

Budget Planner User Manual



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Downloading the program

Software Installation Links

Net Framework 4.7.2 -

<https://dotnet.microsoft.com/en-us/download/dotnet-framework/thank-you/net472-web-installer>

Microsoft Visual Studio 2022 -

<https://visualstudio.microsoft.com/thank-you-downloading-visual-studio/?sku=Community&channel=Release&version=VS2022&source=VSLandingPage&cid=2030&passive=false>

To run the program WITHOUT Microsoft Visual Studio installed, follow these steps

Download Net Framework 4.7.2 using the above link.

Download the file named "BudgetPlannerV3" onto your desktop.

Double click on the folder titled "BudgetPlannerV3".

Double click on the folder titled "bin".

Double click on the folder titled "Debug".

Double click on the application titled "BudgetPlannerV3.exe".

To run the program WITH Microsoft Visual Studio installed, follow these steps

Download Microsoft Visual Studio Using the above link.

Download the file named "BudgetPlannerV3" onto your desktop.

Double click on the folder titled "BudgetPlannerV3".

Double click on the Visual Studio Solution file named "BudgetPlannerV3.sln".

After the program has finished loading, press on the green play symbol with the words "Start" written next to it, or press the "F5" key on your keyboard.

Please note: Download all the files from the BudgetPlannerV3 folder to make sure the program executes with no errors.

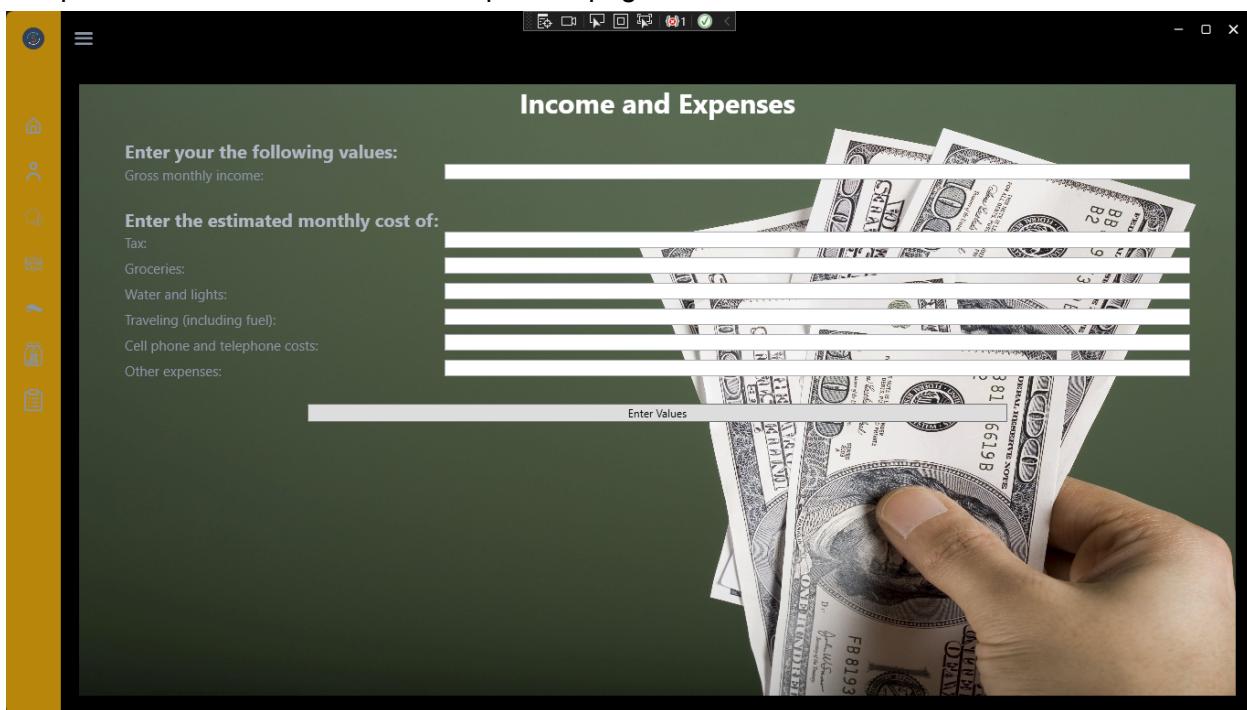
The interface

The picture below is the home page. This page will display when the program is running.



The below pictures prompt users to input their value(s) into the text blocks (the white block). After the value has been inputted, the user must press on the 'Enter Value' button which then saves the value into the system.

The picture below shows the User Expenses page.



The picture below shows the Rent page.

Rent

Enter your rent details:

Enter the monthly rental amount:

Enter Values

The picture below shows the Car page.

Car

Enter your car details

Enter the car make and model:

Enter full purchase price:

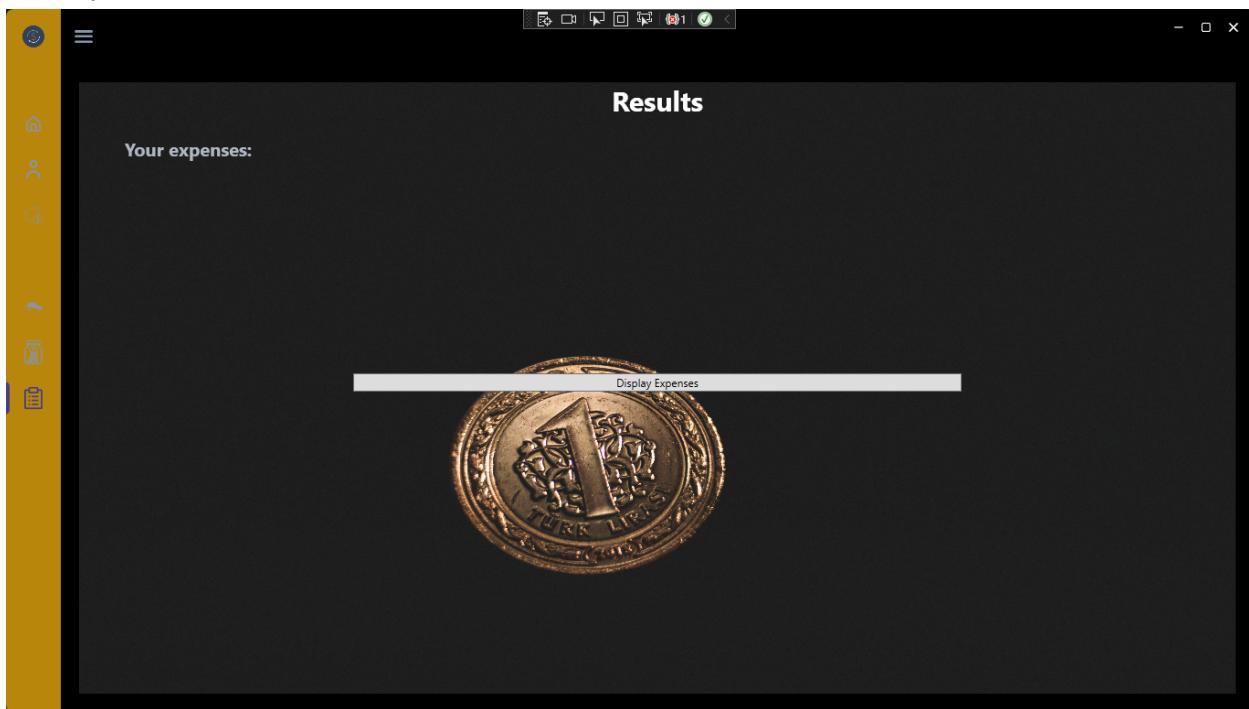
Enter the deposit:

Enter the interest rate(format: 12.5% -> 12,5):

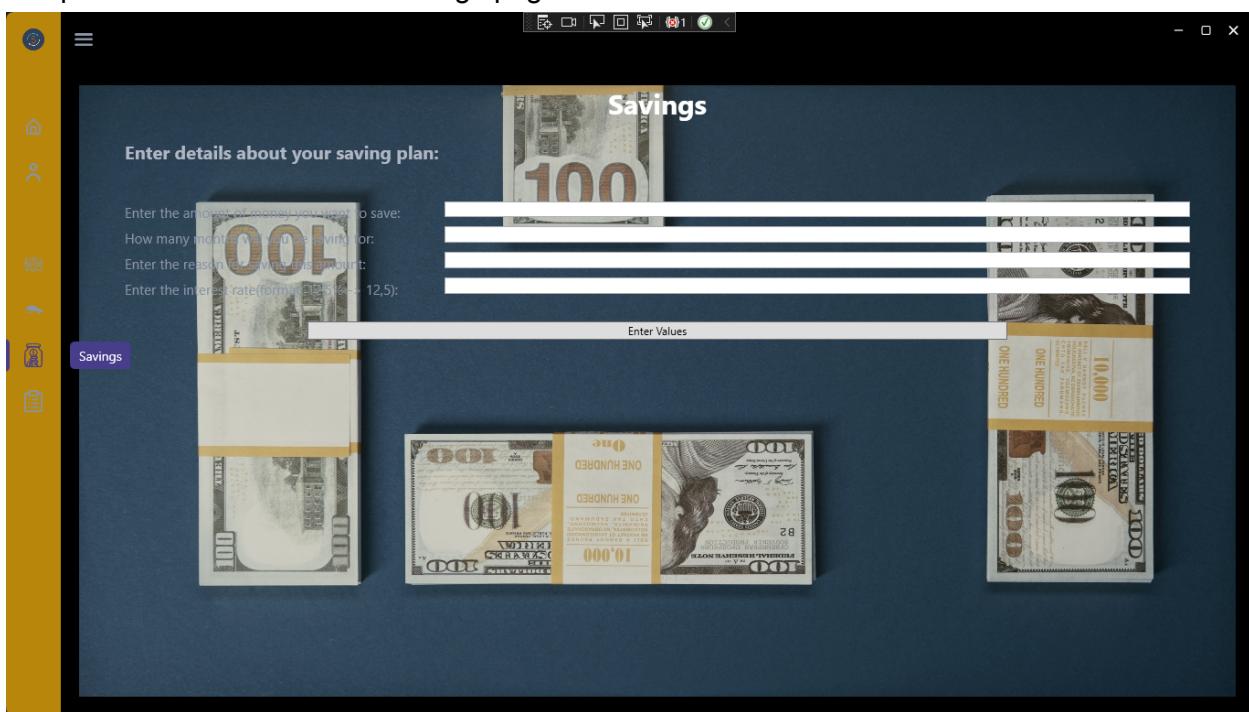
Enter the estimated insurance premium:

Enter Values

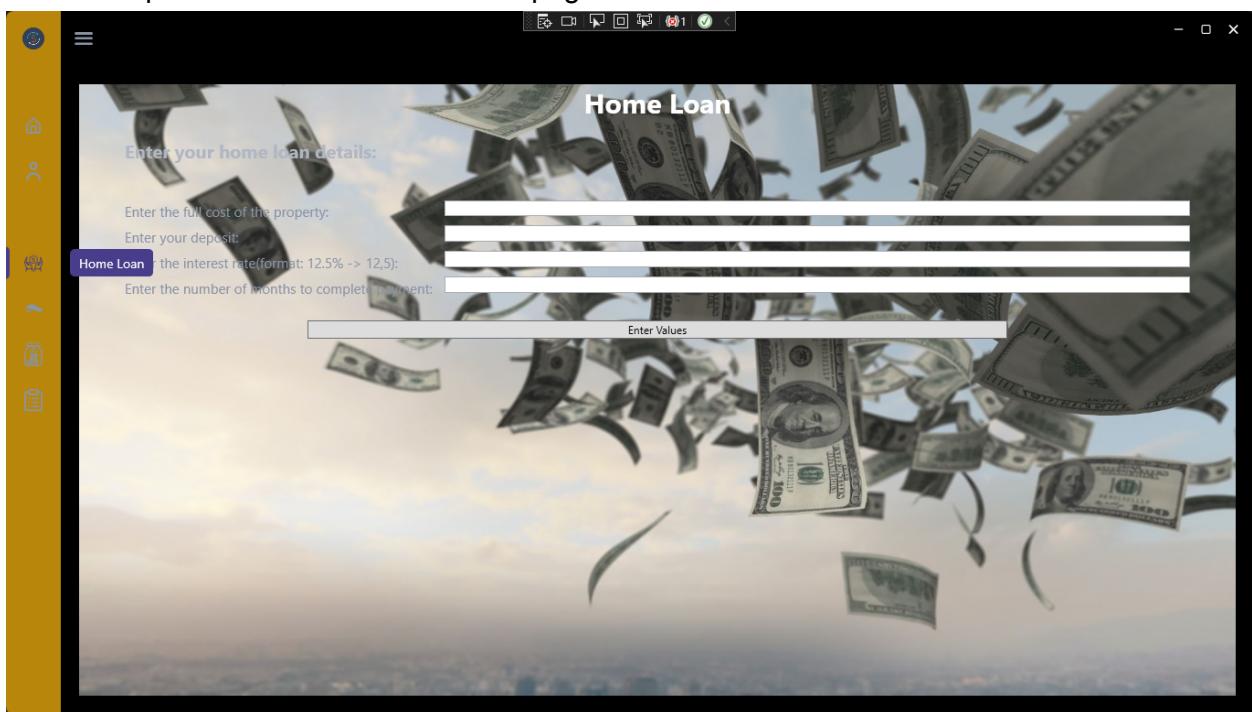
The picture below shows the Results page. This page will only display information when the 'Display Expenses' button is pressed.



The picture below shows the Savings page.



The below picture shows the Home loan page.



Flow of the program

The user starts off at the Home page. By clicking on the hamburger menu and choosing an icon or by just choosing an icon, the user will navigate to that specified page. To go in order, the user must start off at the User Expenses page. This page is where the user enters values such as their income, tax deductions and other monthly deductions. Then the user would have to select whether they are renting a home or buying a home. Once they choose the Rent icon or Home Loan icon they would not be able to change their minds unless they rerun the application. In the Rent page the user has to input their monthly rent amount and in the Home Loan page the user would have to enter the total amount of the property, the interest rate being charged, the deposit paid by the user and the number of months the user has to repay the loan. The Car page and the Savings page are not required to be filled out. This depends on whether the user wants to buy a car or open a savings account. In the Car page the user is prompted to enter values such as the name of the car, total cost, deposit paid, and its insurance premium. The Savings pages asks users to enter how much they are trying to save, the reason why they are saving money, the interest rate being charged and the number of months the user will save for. After all these values are entered, the user enters the Display page. This is where the values are calculated and displayed for the user to read.

FAQs

1. When asked to input the interest rate, what format must be used?

The interest rate must be entered in the percentage format.

2. What must be inputted when asked to enter months?

When asked to input months, use either 240 months (20 years) or 360 months (30 years) or any multiple of 12 between these numbers.

3. How should currency values be entered?

All currency values entered can be any real number but can only have a maximum of 2 decimal places.

4. How do I navigate to other pages?

Click on one of the icons on the left to travel to that page. If you hover over that specific icon long enough, a pop up message will display what that specific page deals with.

5. Do I have to put values on all of these pages?

No. You only have to put values on the pages that apply to you. For example, if you are not buying a car you don't need to put values on the Car page.