Person Budget Planner

User Manual

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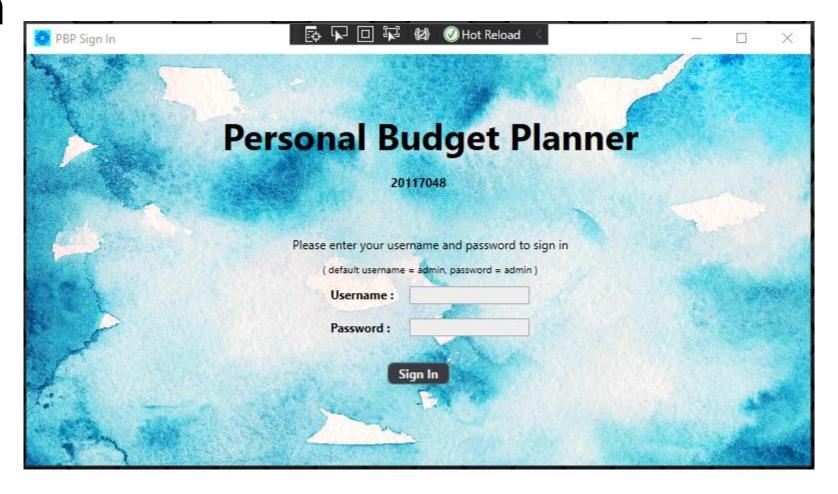
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Application Overview

- The Person Budget Planner allows the user to input their monthly gross income as well as their estimates tax and other expenses.
- The user will then be given the option to choose a type of accommodation (renting / buying) and will be prompted for values in respect of their input.
- The user will also be given the option to include buying a vehicle in their budget planner and will be prompted for values in respect of their input. (NOTE: loan repayment based on 5 year repayment period).
- The user will be given the option to create save up for something by a selected date. The user will be asked for a reason, amount, they will be given the option to select a date, the program will calculate the rounded amount of months. The user will also input their saving interest rate.
- A report will then be displayed to user showing their expenses arranged in descending order and will alert then if their expenses exceed 75% of their gross income as well as should the monthly home loan repayment exceed 1/3 of their gross income.
- A graph will be generated and displayed showing the users monthly income, total expenses and available balance over a 120 month (10 year) period.
- The user can then choose to save the report which will create the directory in the users device's documents folder called "20117048 POE Final" and save the report under the name of their choice as a text file.
- This user can then load and/or edit this report at a later stage, the combo box will automatically search for saved reports on their device.

Sign in

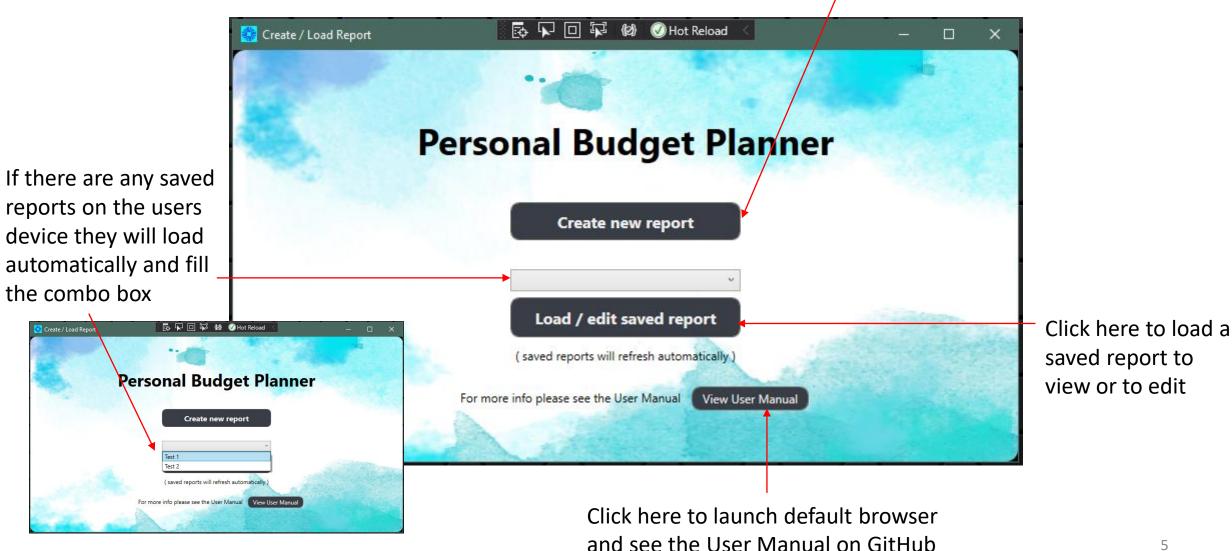


Upon running the app you will be initially prompted with the PBP sign in page, enter the default values (username = admin / password = admin) to continue.

Any invalid inputs will result in an error message and the fields being cleared.

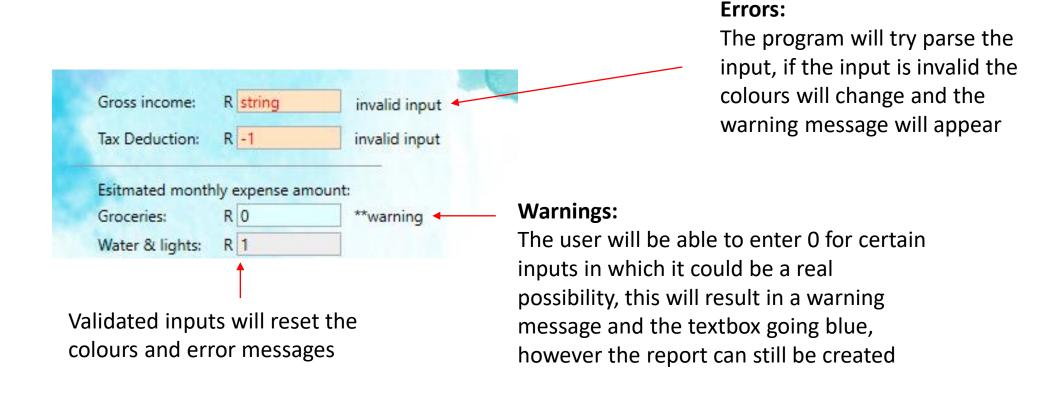
Create / Load

Click here to create a new report



Budget (input errors & warnings)

When inputting the numeric amounts, you will be given feedback based on if your input is valid



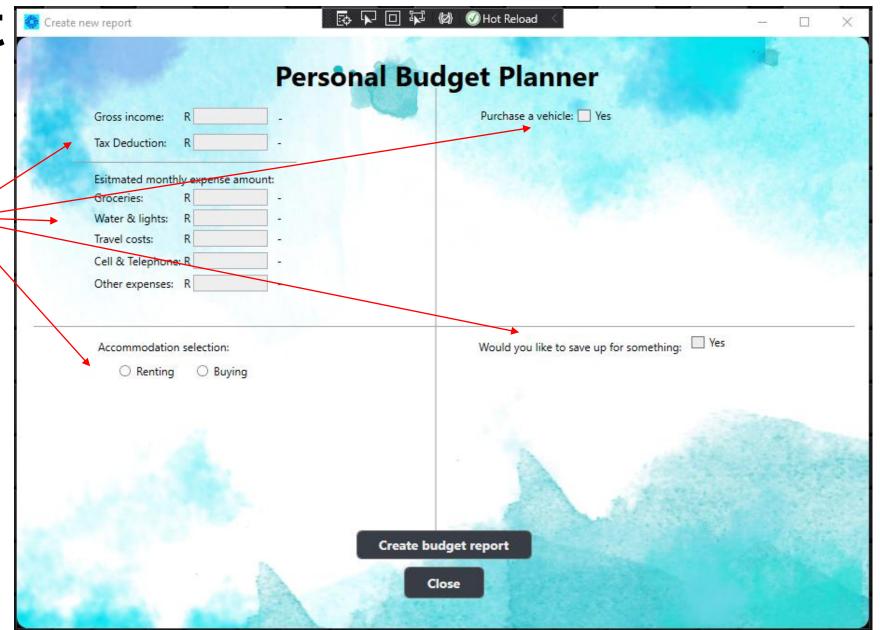
Any errors (not warnings) or empty fields will not allow the user to continue and create the report

New Budget

Fill in the various fields with their respective monthly amounts

Important Notes:

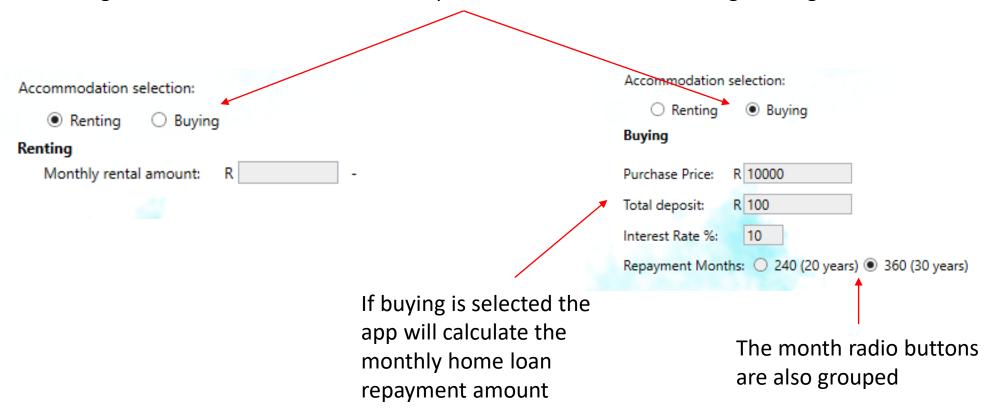
- Ensure to only enter the actual numerical amount and do not enter the currency symbol (i.e. 1000 not R1000)
- Use a comma (,) to represent a decimal point (i.e. 1000,00 not 1000.00)



New Budget (Accommodation)

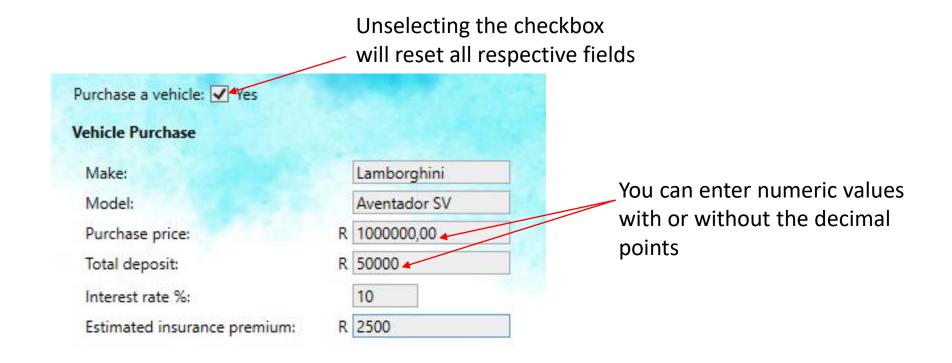
It is required that you choose a type of accommodation (the program will not let you proceed otherwise). The radio buttons are grouped so if you select one the other will deselect

Choosing one will also reset all the other options fields and error/warning messages



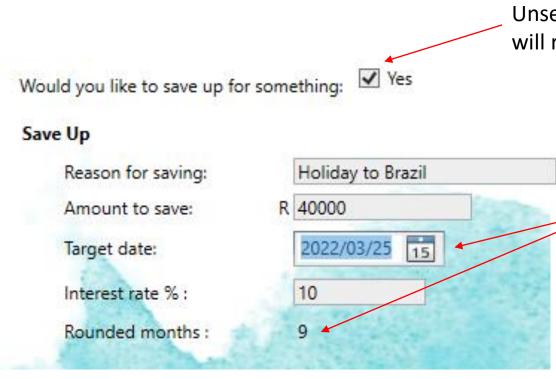
New Budget (Buy Vehicle)

You can also choose to purchase a vehicle and calculate the monthly vehicle loan repayment amount



New Budget (Save Up Goal)

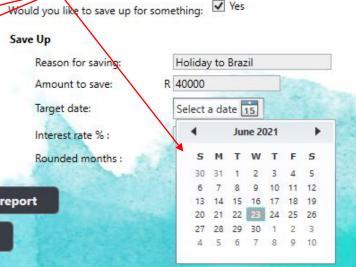
You can choose if you would like to include a savings goal in your budget report, the program will calculate how much you need to save every month



Unselecting the checkbox will reset all respective fields

You can choose the date which you would like to save up by and the program will calculate the rounded amount of months you have to save.

This value will displayed at the bottom.

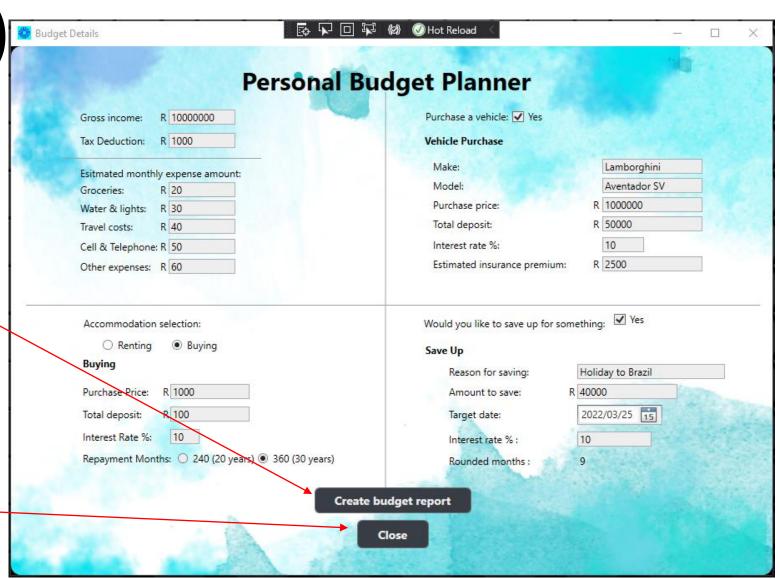


New Budget (Create Report) [Budget Details

Once all values have been entered, click this button to proceed and create the budget report

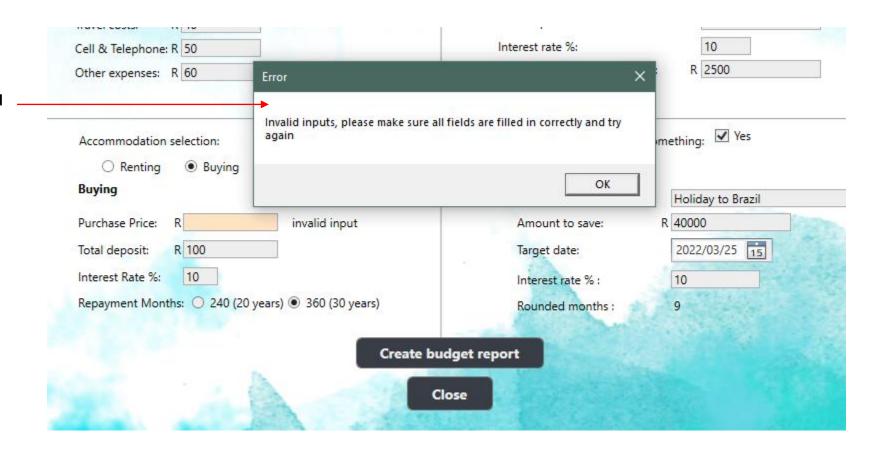
The program will only proceed should all inputs be filled in and valid

Or click here to close this window and re-open the New / Load window



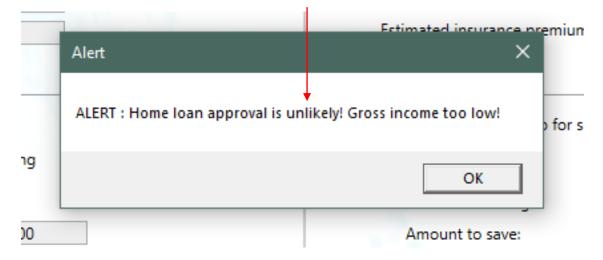
New Budget (Create Report Error)

Any errors or missing fields will produce this error message and will prevent you from proceeding

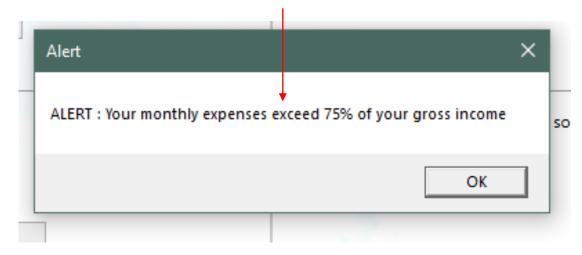


New Budget (Alerts)

If buying a property is selected, the program will alert you should the monthly home loan repayment be more than 1/3 of your gross income



The program will also alert you should the monthly expense total exceed 75% of your monthly gross income



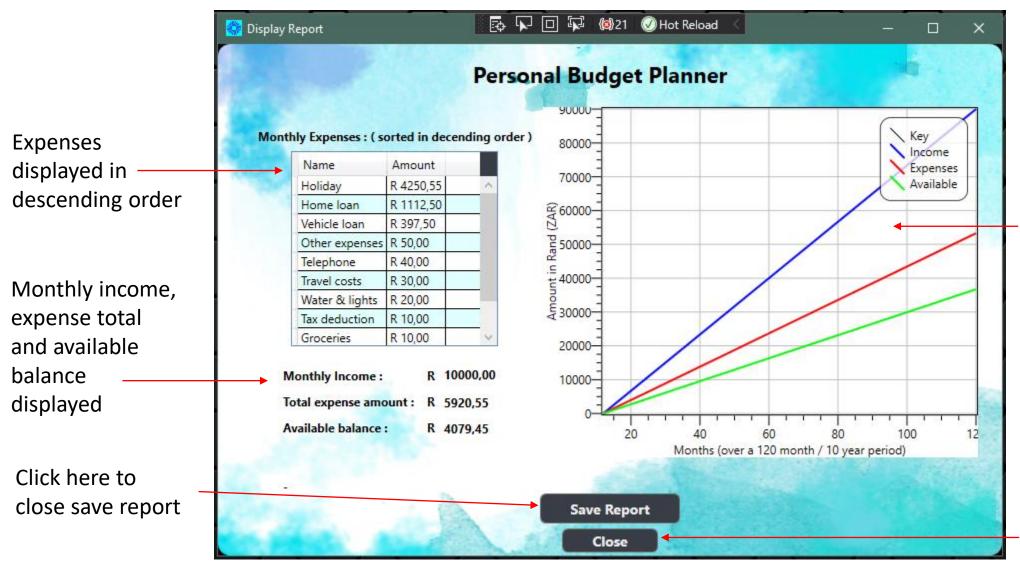
These alerts will also be displayed at the bottom of the Show Report window

ALERT: Your monthly expenses exceed 75% of your gross income

ALERT: Home loan approval is unlikely! Gross income too low!



Budget Report

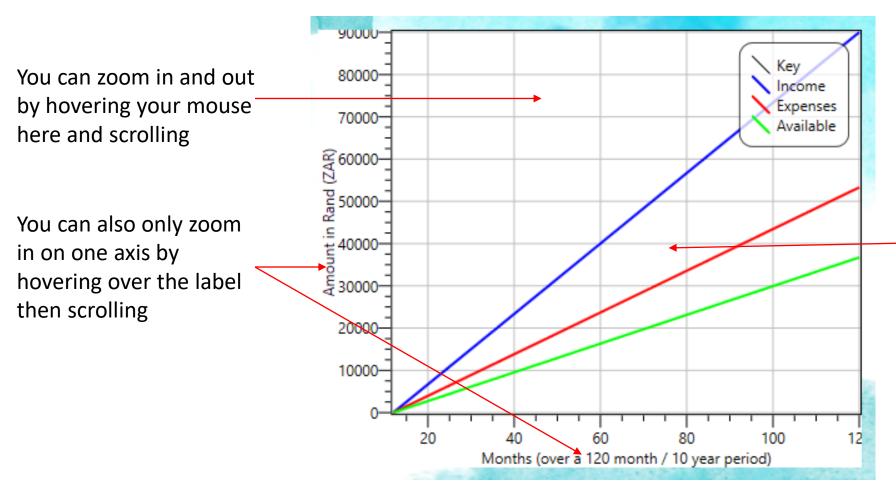


Monthly income, expense total and available balance displayed as a graph over 120 months / 10 years

Click here to close report and re-open the New / Load window

Budget Report (Graph)

There is quite a bit of control over the graph



You can pan by clicking and holding and dragging in the direction you desire

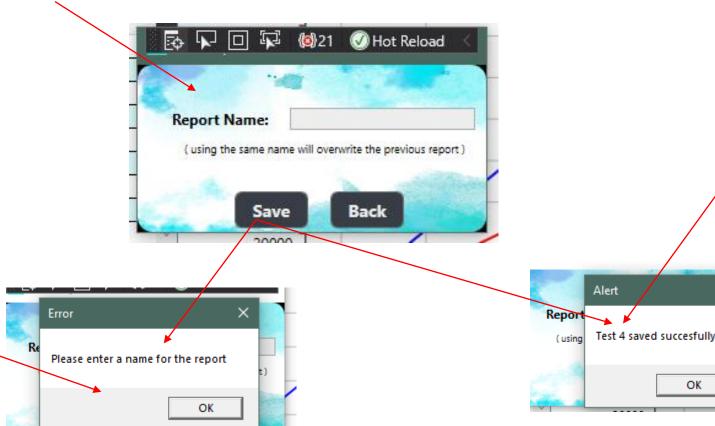
Budget Report (Saving)

Saving the report will create a directory in your documents folder called "20117048 – POE Final". The name given will be the text file name you enter + " – Budget Summary", the report will be saved in this directory as a .txt file

Once you click save this window will pop up requesting a name for the report

If you enter the same name as a previous report it will overwrite the previous one

Leaving the name field empty will result in this error message



Should the save be

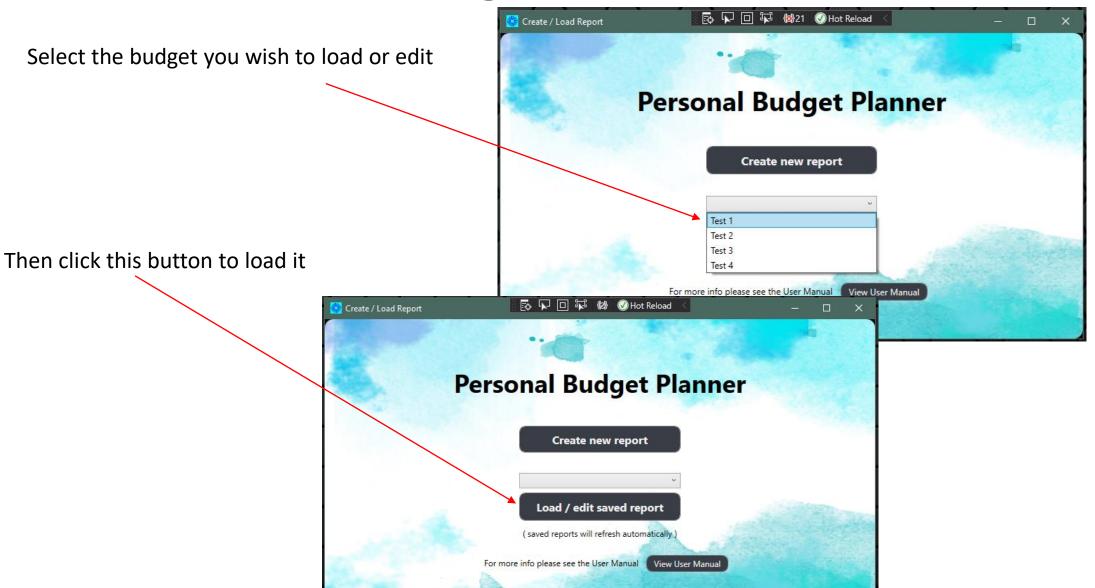
notified with this

the report name

message containing

successful you will be

Load / Edit Budget



Load / Edit Budget

The program will read the saved text file and pull all relevant data into their respective fields

To view the same report simple re-click the create budget report button again to regenerate the same report

Alternatively, edit whichever fields you desire and then create the new report

