

FINAL POE PROGRAMMING 2B

Koketso Baruti

STUDENT NUMBER: 18028607

Contents

Requirements of running this app:	3
What is the Budget Web App?	4
How to use the Budget website	4
1. Creating a new user	4
2. Adding your expenses	6
3. Adding Your Accommodation Information	7
5. Logging in.....	10
6. How to logout:	12

Budget Web Application User Manual

Requirements of running this app:

In order to run this app you will need specific software:

- Microsoft Visual studio (Preferably the latest version).
- Microsoft SQL Server Management Studio
- Any browser, preferably Chrome.

In regard to hardware you will need:

Any device that has internet connectivity and runs on either Linux or Windows

What is the Budget Web App?

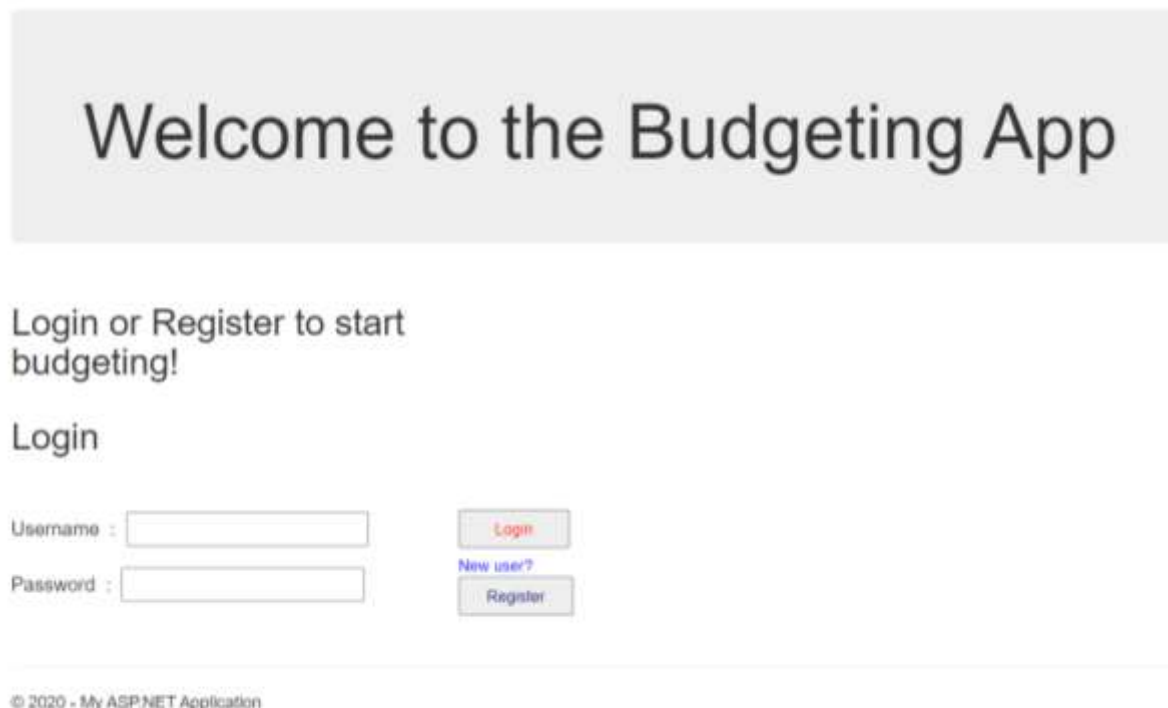
The Budget Application is a web application that is compatible with multiple operating systems including Linux. It is a development of the Windows Presentation Form version and has been created to cater to a wider demographic of users.

In order to run this app, one would need a device connected to the internet and an operating system that is either any of the latest versions of Windows e.g.(Windows 7/8/10) or any device running on a Linux operating system.

How to use the Budget website

1. Creating a new user

When the website first loads, you will be directed to the login page:



The screenshot shows the login page of the Budgeting App. At the top, a large grey box contains the text "Welcome to the Budgeting App". Below this, the text "Login or Register to start budgeting!" is displayed. Underneath, the word "Login" is shown. There are two input fields: "Username :" and "Password :". To the right of these fields are two buttons: "Login" (with red text) and "Register" (with blue text). Above the "Register" button is a link that says "New user?". At the bottom of the page, there is a small copyright notice: "© 2020 - My ASP.NET Application".

Click on the register button in order to start your registration process:



This image is a close-up of the registration area. It shows a link that says "New user?" in blue text. Below this link is a button labeled "Register" in blue text. Both the link and the button are enclosed in a red rectangular border.

After clicking on the 'Register' button, you will be led to the registration page where you are **required** to enter your details into the empty textboxes. If you do not enter all the required information, you will not be able to click on 'Next' in order to move onto the next stage of registration.

You are also required to enter matching passwords. If you do not enter matching passwords you will not be able to go to the next stage of registration.

Register

*Required

Name :

Surname : *

Username :

Password :

Confirm Password : *Enter matching passwords

[Return To Login](#) [Next](#)

© 2020 - My ASP.NET Application

Besides that, make sure to enter a **unique username** as each user is required to have a unique username which can be used to identify them.

Name :

Surname :

Username : Username is already taken.

Password :

Confirm Password :

[Return To Login](#) [Next](#)

If you have entered the correct values in their required spaces, click on 'Next' to move onto entering your expenses.

2. Adding your expenses

After clicking on 'Next' , you are led to the 'Expenses Details' page where you are required to enter your income details as well as your general expenses:

Expense Details

Income Details

Monthly income : R 2343

Estimated Tax : %*

General Expenses

Groceries : R 4

Travel Costs : R 23

Water and Lights : R 42

Telephone and Cellphone : R *

Click 'Add Other' to add any other extra expenses that you may have.

Return

Add other...

Next

If you have any other expenses which are not listed under general expenses, click on 'Add Other' in order to move onto the Other Expenses page.

On the Other Expenses page, you are required to enter the expense you are adding as well as the cost of the expense in **Rands** currency. When you have entered the name and the cost of the expense you are adding, click on 'Add Other Expenses' to add it to your list of other expenses as well as save it to the database.

Note: Make sure your details are correct because there is no way to remove an expense once you have entered it.

Add Other Expenses

Add Other Expenses

Expense Description : shoes

Cost : R 233

Add Other Expense

Your list of expenses :

shoes : R 233

Next

Your list of expenses is entered here when you click 'Add Other'

Click on 'Next' to move onto the next page.

3. Adding Your Accommodation Information

There are only two options for accommodation. You are required to select whether you will be renting accommodation or buying a house. You can interchangeably click on 'I want to rent' to enter your rental information or 'I want to buy a house' to select the option of buying a house.

Accommodation Information

***Required**

Click the button of the accommodation choice you want.

If you are renting, enter details under the rent option, if you want to buy a house, enter details under the option of buying a house.

Rental Option :

Please enter your monthly rental amount below in rands.

Monthly Rental : R

House Loan Option :

Please enter the required home loan details and click 'Calculate Eligibility' find out if you qualify.

***Required**

Purchase Price : R

Deposit : R

Interest Rate : R

Number of Months to Pay :

If you intend on owning a vehicle, click the 'Add Vehicle' button to fill out the vehicle form. Otherwise, complete your registration

Once you have selected the rental option, enter the rental amount and click on 'Submit' to receive a confirmation message.

Accommodation Information

***Required**

Click the button of the accommodation choice you want.

If you are renting, enter details under the rent option, if you want to buy a house, enter details under the option of buying a house.

Rental Option :

Please enter your monthly rental amount below in rands.

Monthly Rental : R

Under the House Option, you should enter all the required values and also make sure that the months to pay are between **240 and 360**. You will get an error message if your value is not within the bounds:

Interest Rate : R

Number of Months to Pay :

[Calculate Eligibility](#)

[Add Home Loan](#)

The months you have to pay should only be between 240 and 360.

For a vehicle, click the 'Add Vehicle' button to fill out the vehicle form. Otherwise, you

[I want to buy a house](#)

For details under the rent option, if you want to buy a house, enter details under the option of buying a house.

Rental Option : Please enter your monthly rental amount below in rands.

Monthly Rental : R

[Submit](#)

Home Loan : Please enter the required home loan details and click 'Calculate Eligibility' find out if you qualify.

*Required

Purchase Price : R

Deposit : R

Interest Rate : R

Number of Months to Pay :

[Calculate Eligibility](#)

[Add Home Loan](#)

You qualify for a house loan.

Once you are done entering either your rent or home loan details, click on 'Add Home Loan' or 'Submit'.

For renting, enter details under the rent option, if you want to buy a house, enter details under the option of buying a house.

Rental Option : Please enter your monthly rental amount below in rands.

Monthly Rental : R

[Submit](#)

You have saved your rent.

For a vehicle, click the 'Add Vehicle' button to fill out the vehicle form. Otherwise, you

Follow the instruction:

Note: Once you select on 'Complete Registration' there is no way of adding a vehicle of your information afterwards.

If you intend on owning a vehicle, click the 'Add Vehicle' button to fill out the vehicle form. Otherwise, complete your registration

Add Vehicle

Complete Registration>>

4. Adding Your Vehicle Information(optional)

If you have clicked on the 'Add vehicle' option, you will be led to the Vehicle Information page. Enter all the information required of you in the empty boxes. **Do not leave anything blank.**

If you no longer wish to add a vehicle, you can click on the 'Complete Registration' button.

Deposit :R

Estimated Interest Rate: %

Insurance Premium : R

1)

Add Vehicle

Click on the 'Add Vehicle' button to save your vehicle information

Complete Registration>>

2)

Purchase Price : R

Deposit :R

Estimated Interest Rate: %

Insurance Premium : R

Add Vehicle

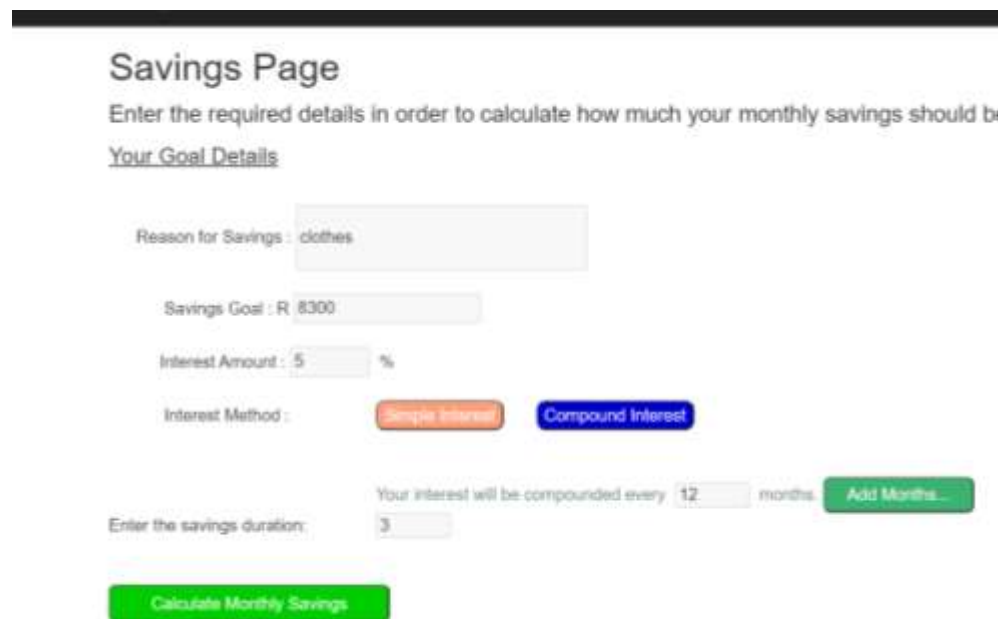
Added your vehicle

5. Logging in

Make sure you enter the correct credentials. Once you have entered your correct details, click on the 'Login' button to lead you to the Budget App homepage.

Select the 'Savings' menu option on the toolbar to add a savings as well as find out how much you will need to save per month based on the interest you pick.

You must pick out the simple interest or compound interest methods by clicking on any of the two buttons. If you clicked on the 'Compound Interest' button, enter the months that are asked of you and enter how many years you want to be saving for.



Savings Page
Enter the required details in order to calculate how much your monthly savings should be

Your Goal Details

Reason for Savings : clothes

Savings Goal : R 8300

Interest Amount : 5 %

Interest Method :

Your interest will be compounded every 12 months.

Enter the savings duration: 3

Make sure to have a reason that is between 5-50 characters long.



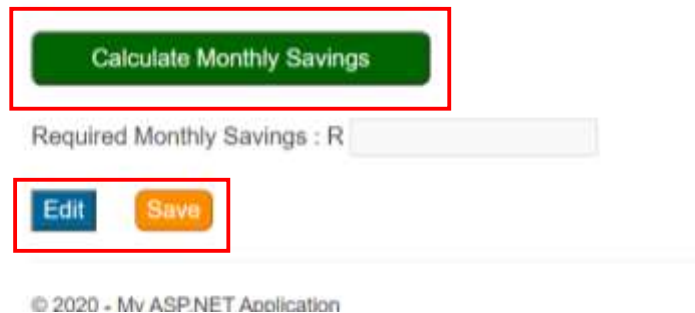
ol

Reason should be between 5 and 50 characters.

30000

%

Click on the Calculate Monthly Savings to first get your required monthly savings and then click 'Save' to save this information. Click 'Edit' to change the details. **You can only do this before saving.**



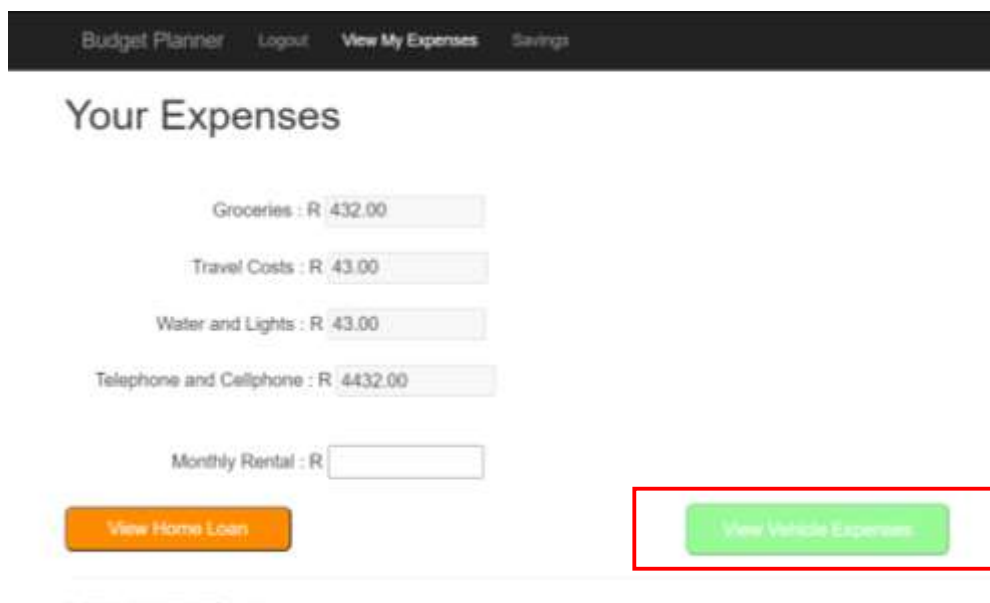
Calculate Monthly Savings

Required Monthly Savings : R

Edit Save

© 2020 - Mv ASP.NET Application

Click on the 'View My Expenses' option on the toolbar. Click on the 'View Home Loan' button if you had previously added a home loan to your account upon creating your account:



Budget Planner Logout View My Expenses Savings

Your Expenses

Groceries : R 432.00

Travel Costs : R 43.00

Water and Lights : R 43.00

Telephone and Cellphone : R 4432.00

Monthly Rental : R

View Home Loan View Vehicle Expenses

6. How to logout:

In order to logout, just simply click the logout option on the toolbar.