



Project Report

Group 7

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Online Budget Management System

Aim/Objective:

The main objective of creating this website is to help people with budgeting. Our website allows users to track their spending habits. They can input their budgeting goals and actual monthly spendings, and our system will automatically generate a report that gives feedback on the user's money management.

Technologies Used:

Operating System: Windows 8/10

Front-end: HTML, CSS, Javascript

Middleware: PHP

Database: MySQL

Abstract:

The title of the project is "**Online Budget Management System**". The main objective of this project is to make budgeting easy for every individual. This helps high schoolers and college students who are new to managing money. This applications gives the suggestions based on the user inputs and generates a pie chart to analyze the spendings visually.

Algorithm:

This web-based application provides the user with the following:

Step-1: First Users have to register themselves to access the application.

Step-2: After Sign-up was successful. Users should log in.

Step-3: Then the page redirects to the Budget + Report page.

Step-4: The users have to input the budgeting goals and the spendings.

Step-5: Once those fields are filled. The user can get the sum of budgeting goals, spending and the report.

Step-6: Based on the input from the user, the application will give some suggestions to the user.

Step-7: Finally, it generates a pie chart based on the spending. It's easy for the user to track based on visual charts.

Sample Input and Output:

Input: This is the main function of the application.

Enter your budget goals below

Food 150

Transportation 200

Utilities 120

Insurance 150

Personal Spendings 200

Enter your spendings below

Food 180

Transportation 190

Utilities 150

Insurance 150

Personal Spendings 230

Output:

Sum of budget goals: \$820

Sum of spendings: \$900

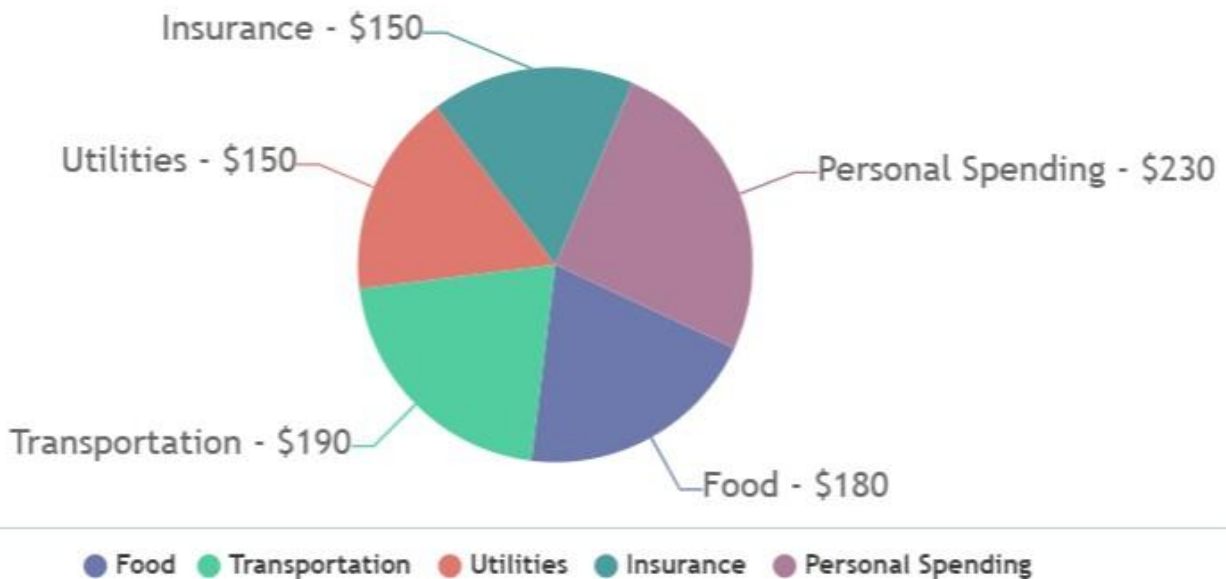
Good job! You went under budget for transportation by \$10.00

Try to save! You went over your budget for food by \$30.00

Try to save! You went over your budget for utilities by \$30.00

Try to save! You went over your budget for personal spending by \$30.00

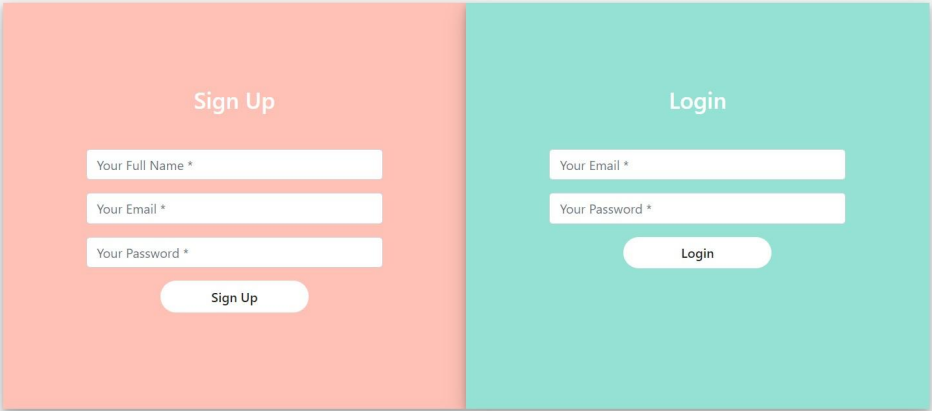
Your Spending Distribution



End-User:

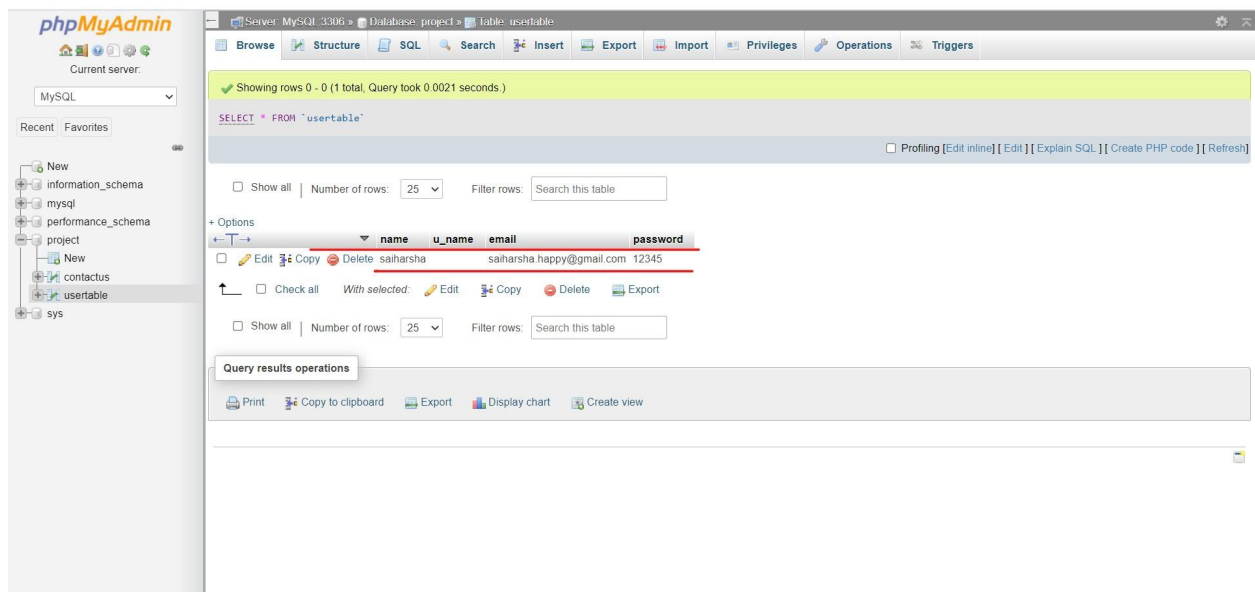
Sign-up/Login:

This page is used to sign-up for new users. And login for existing users.



The sign-up data is stored in the php database and used for the login validation.

The data which was marked in red was entered by the user. It's used for the validation.



Budget + Report:

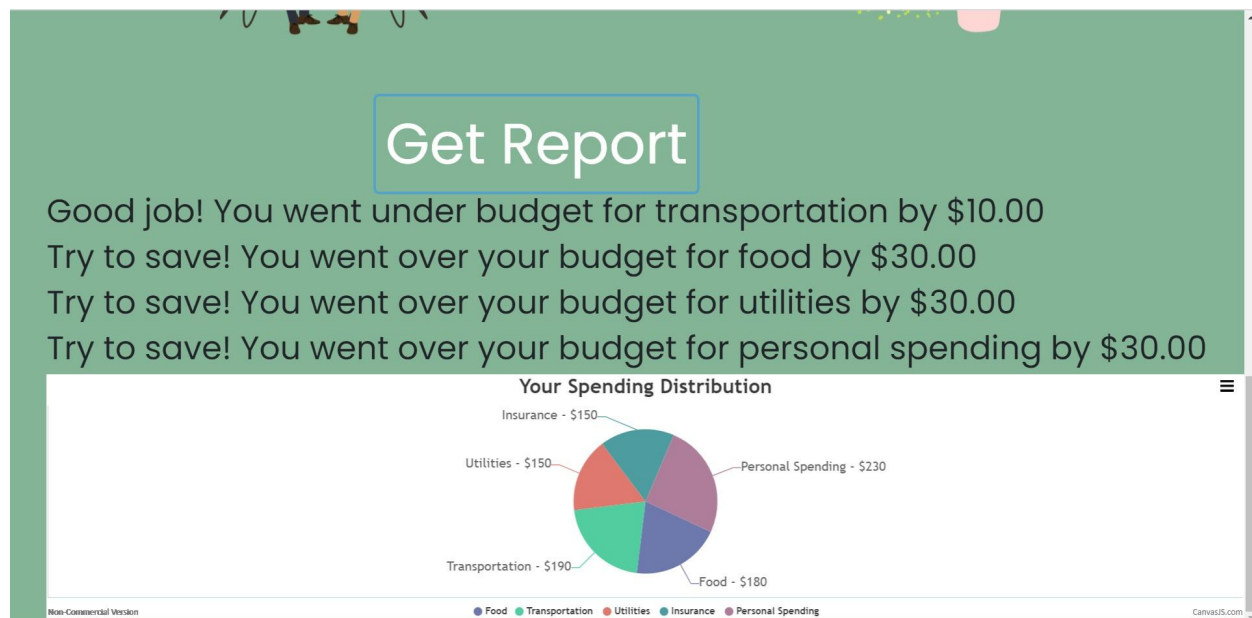
This page is used to generate the budgeting reports and give some suggestions based on the user spendings.

The screenshot shows a web application titled 'Budgeting'. It has a navigation bar at the top with links: 'Budget + Report', 'About Us', 'Contact Us', and 'Logout'. The main content area is divided into two columns. The left column is titled 'Enter your budget goals below.' and contains five input fields labeled 'Food', 'Transportation', 'Utilities', 'Insurance', and 'Personal Spending'. Below these fields is a button labeled 'Get Budget / Budget Goals'. The right column is titled 'Enter your spendings below.' and also contains five input fields with the same labels. Below these fields is a button labeled 'Get Spendings'.

Once the users inputs the budget goals and spendings of the current or previous months. This generates a report.

Enter your budget goals below.	Enter your spendings below.
Food <input type="text" value="150"/>	Food <input type="text" value="180"/>
Transportation <input type="text" value="200"/>	Transportation <input type="text" value="190"/>
Utilities <input type="text" value="120"/>	Utilities <input type="text" value="150"/>
Insurance <input type="text" value="150"/>	Insurance <input type="text" value="150"/>
Personal Spending <input type="text" value="200"/>	Personal Spending <input type="text" value="230"/>
Get Sum of Budget Goals	Get Sum of Spendings
\$820.00	\$900.00

Getting the report. With pie chart representation.



Contact Us:

This page makes users to connect with our team. For any future projects/collaborations.

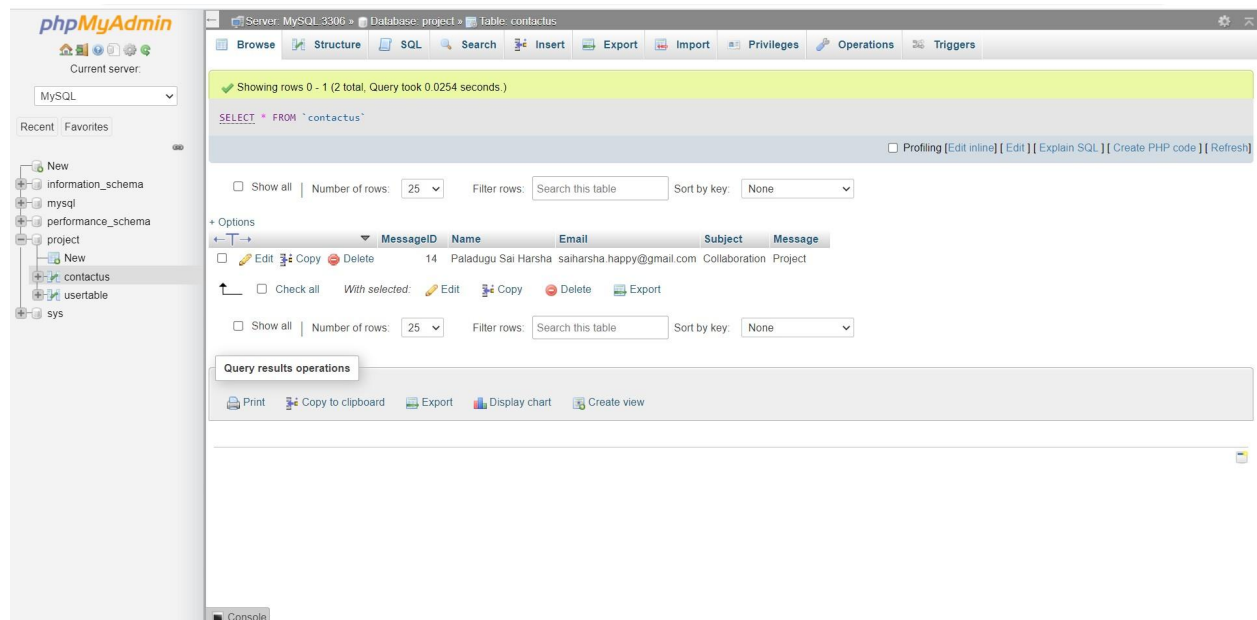
[Budget + Report](#) [About Us](#) [Contact Us](#) [Logout](#)

Contact Us

— get in touch —

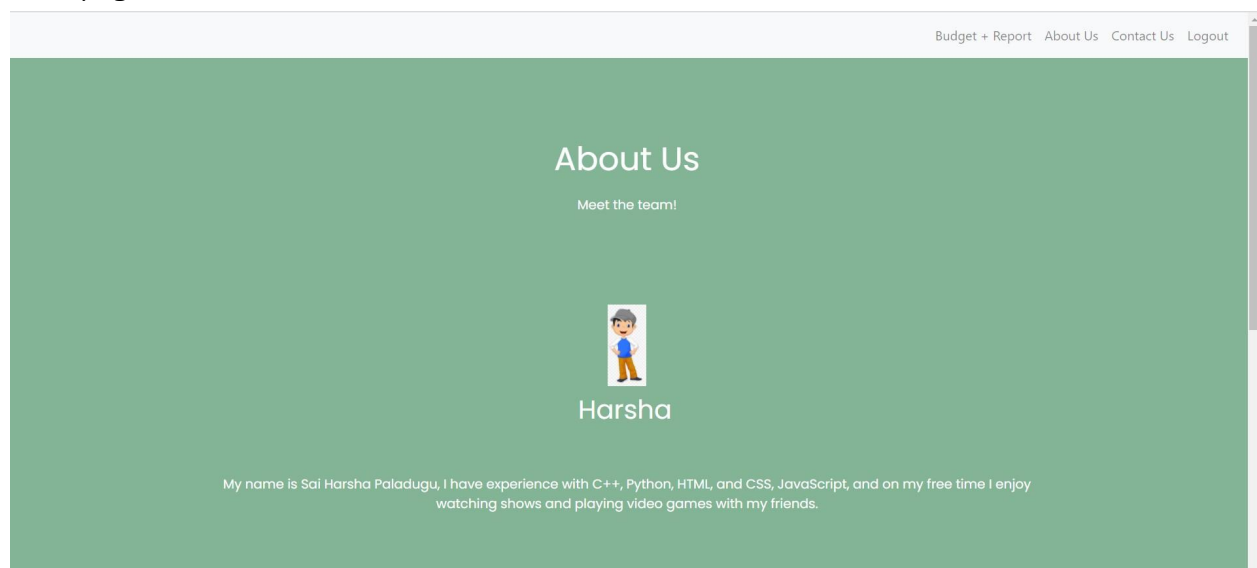
Name	Email
Subject	
Describe project...	
<button>Send Message</button>	

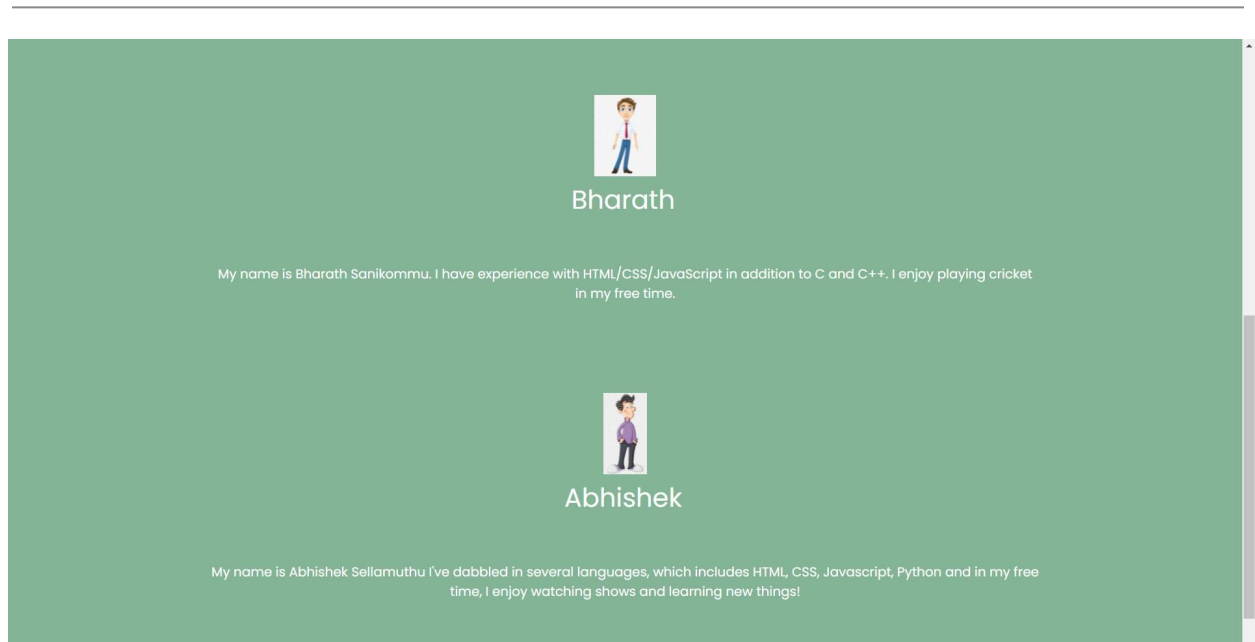
The data will be stored in the PHP database. By which we can get back to them.



About Us:

This page is to know more about us.





Conclusion:

This application makes managing money easy. Anyone who needs help managing their wallets can use this system, no matter what stage in life you find yourself in. This makes life simpler to manage and track the spendings every month.