

BudgetFlow: Smart Money Management

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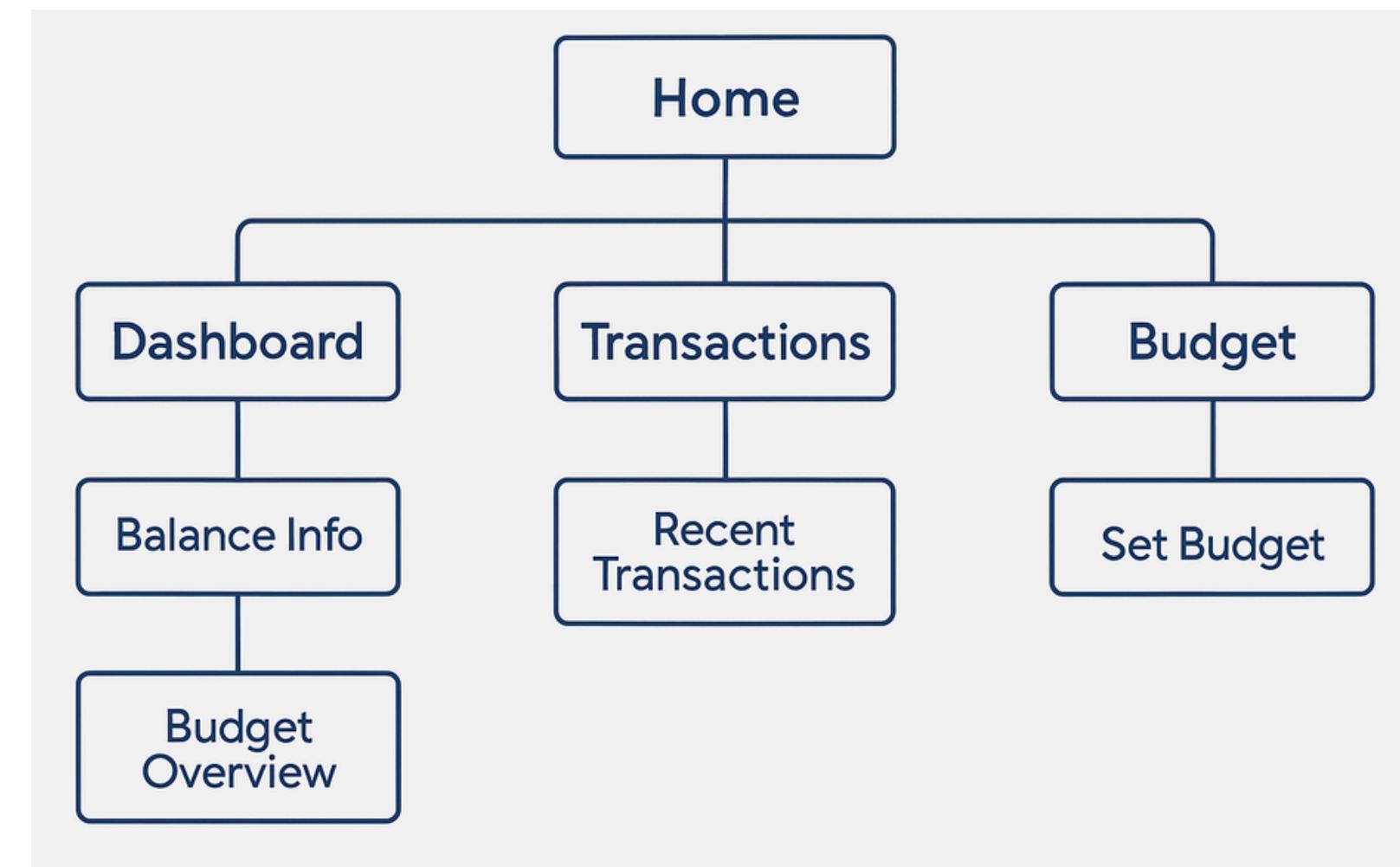
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Plan the Website Structure

- **Define the purpose:** The purpose of BudgetFlow is to help users effectively manage their personal finances by providing an easy to use platform for tracking income, expenses, and overall budget status. The system allows individuals to stay aware of their financial activity through real-time balance updates, categorized transactions, and visual budget summaries.
- **Create a Sitemap:**



Visual Design

The screenshot displays the BudgetFlow mobile application interface. At the top, there is a blue header bar with the 'BudgetFlow' logo on the left, a user profile section showing 'Welcome, zageeeeeeeeeeee' and a profile icon with the letter 'Z' in the middle, and a 'Logout' button on the right.

The main content area features a large dark teal box at the top containing the 'Total Balance' information. It shows a balance of **₱0.00**. Below this, there are two sections: 'Income' with a value of **₱0.00** and 'Expenses' with a value of **₱0.00**. Each section includes a circular icon with a dollar sign and a small bag icon.

Below the teal box are two buttons: a green button labeled '+ Add Income' and a red button labeled '- Add Expense'.

At the bottom, there are two white rounded rectangular boxes. The left box is titled 'Recent Transactions' and contains the message 'No transactions yet'. The right box is titled 'Budget Overview' and contains the message 'No budgets set'. A blue button labeled 'Set Budget' is located to the right of the 'Budget Overview' box.

BudgetFlow

Smart Money Management

Username

Password

Login

Don't have an account? [Sign up](#)

Add Income

X

Type

Income

Category

Salary

Amount (₱)

Note (Optional)

Add a note...

Date

09/02/2026



Cancel

Save Transaction

Add Expense

Type

Expense

Category

Salary

Amount (₱)

Note (Optional)

Add a note...

Date

09/02/2026

Cancel

Save Transaction

Set Budget

x

Category

Food

Monthly Budget (₱)

Cancel

Save Budget

Usability and Accessibility

Demonstration of website usability:

Navigation: BudgetFlow uses a clean and intuitive layout where the most important actions Add Income and Add Expense are placed directly below the Total Balance card. This ensures users immediately see what they can do after checking their financial status. The top-right section includes the user greeting and Logout button, separating account controls from financial actions. The dashboard sections such as Recent Transactions and Budget Overview are also clearly labeled, making it simple for users to move between different views.

Usability and Accessibility

Demonstration of website usability:

Responsive Design: The interface of BudgetFlow automatically adapts to different screen sizes. On smaller devices, the large balance card stacks above the action buttons, and dashboard sections become single-column for easier reading. Buttons are sized comfortably for touchscreens, ensuring the site remains usable on mobile devices like phones and tablets.

Usability and Accessibility

Demonstration of website usability:

Accessibility: BudgetFlow follows accessibility-friendly practices by using consistent colors, legible font sizes, and clear labels for each section (Income, Expenses, Total Balance). Icons representing income and expenses can include descriptive alt text for screen readers. All clickable buttons have distinct colors and contrast, making them easy to identify for users with visual impairments. The layout also allows smooth keyboard navigation for users who cannot use a mouse.

Usability and Accessibility

Demonstration of website usability:

Loading Speed: To maintain smooth performance, BudgetFlow uses simple graphics and a lightweight layout. Since the dashboard relies on minimal heavy assets, it loads quickly even on slower devices. Features like Recent Transactions and Budget Overview can be optimized to load only when needed, reducing unnecessary data usage and improving responsiveness across the site.

Develop the Content

Write Clear and Concise Copy: In BudgetFlow, all text and labels are written in a simple and straightforward way so users immediately understand what each section does. Labels like “Total Balance,” “Income,” “Expenses,” “Add Income,” “Add Expense,” and “Recent Transactions” make it easy for users to know where to click and what information they’re viewing. The amounts are displayed in large, readable text to avoid confusion, and action buttons use short, direct wording that fits the financial purpose of the website.

Develop the Content

Organize Content: BudgetFlow organizes its content using a familiar dashboard layout where information is grouped into logical sections. The Total Balance card sits at the top as the main focus, while Income and Expenses are neatly placed inside it for quick reference. Below that, the page is separated into two main content blocks: Recent Transactions and Budget Overview, which makes the screen easy to scan. Headers, icons, and spacing help visually separate content, while buttons and cards follow a consistent structure.

Build the Website

Platform used: BudgetFlow was built from scratch using HTML, CSS, JavaScript, and PHP, hosted on InfinityFree, with a MySQL database storing all user data such as income, expenses, and transactions.

Build the Website

Follow Best Practices:

- Semantic HTML: We used proper tags like <header>, <nav>, and <main> to make the structure clear, accessible, and easier for search engines to understand.
- Clean CSS: Styles were organized and consistent, using reusable classes for cards, buttons, and colors for a clean and modern design.
- JavaScript & PHP: JavaScript handled small interactive behaviors, while PHP processed forms, saved transactions, updated balances, and interacted with the MySQL database.

Build the Website

Test Functionality: We tested all buttons and forms including adding income/expenses, updating the dashboard, and saving data to MySQL to ensure everything works correctly on InfinityFree.

Tools and Resources

Indicate the tools used in building this website

Design Tools: We used CSS for styling and visual design. All UI components such as cards, buttons, layouts, and color themes were created manually using custom CSS instead of external design software.

Tools and Resources

Indicate the tools used in building this website

Development Tools:

- Visual Studio Code (VS Code): Main code editor for writing HTML, CSS, JavaScript, and PHP.
- InfinityFree: Used as our hosting platform to deploy the website online.
- MySQL + phpMyAdmin: Used to manage the database, store transactions, and handle user data.

Tools and Resources

Indicate the tools used in building this website

Testing Tools:

- Web Browsers: (Chrome, Edge, Firefox) used to test responsiveness, buttons, forms, and overall website functionality.
- PHP/MySQL Testing: Checked database connections, queries, and form submissions to ensure data saves and updates correctly.

Tools and Resources

Indicate the tools used in building this website

Content Management Systems (CMS):

We did not use a full CMS like WordPress.

Instead, the website was built manually using PHP and JavaScript to manage content, pages, and database interactions.