

Web and Script Programming Assignment 3 - Report

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Project Idea: Campus Fuel Budget Tracker

Website name: CampusFuel

CampusFuel Budget Tracker is a simple, student-focused web application designed to help university and college students take control of their daily food and drinks spending on campus. The idea behind CampusFuel is to solve a common problem many students face: losing track of small café, snack, and meal purchases that quickly add up throughout the semester. The platform provides a clean and intuitive interface where users can log each food purchase, including the vendor, meal type, cost and date. A running total of all recorded expenses gives students instant insight into their spending habits, helping them make more informed budgeting decisions. Visually, the application uses a clear table, categorized items list and modern Bootstrap design elements to make the experience both functional and engaging. A splash-style home page introduces the purpose of the tool, while a list view displays all logged expenses in a neatly organized table. CRUD functionality allows students to effortlessly create, view, edit, and delete entries. By focusing on a relatable campus lifestyle challenge and providing an accessible way to monitor food costs, CampusFuel Budget Tracker aims to empower students with better financial awareness.

Below is a simple visual concept to illustrate the layout:

The illustration shows three panels of the CampusFuel app interface:

- Left Panel (Home Dashboard):** Features the 'CampusFuel BUDGET TRACKER APP' logo. It has two buttons: 'View Expenses' (green) and 'Add Expense' (orange). Below the buttons is a descriptive text: 'Track your daily campus food spending and stay on top of your budget with a clean, simple dashboard.'
- Middle Panel (All Expenses):** Titled 'All Expenses (Total: \$XX XX)'. It displays a list of two expenses:
 - Expense 1:** Title 'Suloway', Vendor '\$8.50', Cost 'Meal'. It has 'View' (green), 'Edit' (orange), and 'Delete' (orange) buttons.
 - Expense 2:** Title 'Subway', Vendor '\$10.00', Cost 'Meal'. It has 'View' (green), 'Edit' (orange), and 'Delete' (orange) buttons.At the bottom of this panel is a 'Campus' category label.
- Right Panel (Add New Expense):** A form titled 'Add New Expense' with the following fields:
 - Title:
 - Vendor:
 - Amount (\$):
 - Category: A dropdown menu with 'Meal' selected and a green checkmark.
 - Date: A date picker labeled 'Select Date'.At the bottom are two buttons: 'Add Expense' (green) and 'Cancel' (orange).