

CSE 106: Fundamentals of Web Design – Project Proposal

Project Title: *Outlay: The Architecture Of Spending.*

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Problem Statement

Managing personal finances is a significant challenge for students and young professionals who often struggle to track daily expenditures, leading to overspending. Traditional methods like physical diaries are cumbersome, and many existing digital tools are overly complex. There is a need for a streamlined, visually intuitive web-based solution that allows users to record, categorize, and visualize their spending habits in real-time without a steep learning curve.

Target Audience

- **College Students:** Specifically those living on a budget or managing monthly allowances (like fellow students at SAU).
- **Freelancers:** Individuals who need to track project-related expenses.
- **Minimalists:** Users who want a clean, ad-free interface to monitor their cash flow.

Proposed Solution & Key Features

The project will be a responsive web application that functions as a personal financial ledger. Key features include:

- **Dashboard:** A summary of total balance, income, and total expenses.
- **Expense Logging:** A form to input amount, category (Food, Transport, Academics, etc.), and date.
- **Categorization:** Visual breakdown of spending using CSS-based progress bars or charts.

Technology Stack

As per the course requirements, the project will be built using:

- **HTML5:** For semantic structure and form handling.
- **CSS:** For styling, including **Flexbox/Grid** for the dashboard layout and **Media Queries** for responsiveness.
- **JavaScript:** For DOM manipulation (adding/deleting expenses), event handling, and calculating totals dynamically.
- **GitHub Pages:** For hosting and live deployment.

