

**كلية تكنولوجيا المعلومات**

Faculty of IT

Play Money

Simple Expense Management Website

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1.Problem Statement:

Managing personal finances efficiently is a common challenge for individuals. Many existing expense management applications are either too complex, require extensive setup, or come with unnecessary features that overwhelm users. There is a need for a simple, user-friendly, and lightweight web-based solution that allows individuals to track their daily expenses effortlessly without requiring technical expertise or financial knowledge.

2.Business Case:

2.1. Executive Summary

Managing daily expenses is a fundamental financial need, but most expense tracking applications are either too complex, cluttered with unnecessary features, or require subscriptions. A simple, lightweight, and user-friendly expense tracking website will provide users with an effortless way to record, track, and manage their personal finances without the overhead of advanced accounting tools.

2.2. Proposed Solution

The proposed website will be a minimalistic, easy-to-use expense tracker that enables users to:

Add, edit, and delete expenses with a simple form.

View a categorized list of expenses.

Generate basic spending summaries.

Store data locally or in a lightweight cloud-based database.

The website will eliminate complexity and focus on user experience, speed, and accessibility, catering to individuals who need a hassle-free way to monitor their spending.

2.3. Target Market

The website is aimed at:

Individuals looking for a quick and simple expense tracking tool.

Small business owners needing basic spending records.

Students and young professionals who want to manage their personal budgets without complex finance apps.

2.4. Business Benefits

User Adoption: A clean and easy interface will attract users who find other apps too complicated.

Scalability: Can later expand to include additional features like income tracking and savings goals.

2.5. Competitive Advantage

Simplicity: No unnecessary features, making it easy for non-tech users.

Accessibility: Works on any device with a browser, no app installation required.

Free to Use (with optional premium features in the future).

3.Scope

3.1. Project Scope

The project aims to develop a simple, lightweight, and user-friendly web-based expense management tool that allows individuals to track and manage their daily expenses effortlessly. The website will focus on simplicity, accessibility, and essential functionalities without unnecessary complexity.

3.2. In-Scope Features

The website will include the following core functionalities:

User Interface (UI):

Clean, minimalistic design for ease of use.

Responsive layout for mobile and desktop access.

Expense Management:

Add, edit, and delete expenses.

Categorize expenses (e.g., Food, Transport, Bills, etc.).

View a list of recorded expenses in a table format.

Data Handling:

Store expenses using LocalStorage (or a lightweight cloud database if required).

Basic Analytics & Reporting:

Display total expenses for a selected period (daily, weekly, monthly).

Simple bar or pie chart visualization of spending categories.

User Accessibility:

mandatory login required (for saving data across devices).

Quick and easy navigation.

3.3. Out-of-Scope Features

The following features will not be included in the initial version to maintain simplicity:

Advanced financial planning tools (e.g., investment tracking, loans, income tracking).

Multi-user accounts or complex authentication systems.

Integration with banks or financial institutions.

Mobile app development (initially web-based only).

Automated expense categorization using AI.

3.4. Technical Scope

Frontend: HTML, CSS, JavaScript (or React for better UI).

Backend : Firebase or a simple Node.js API (if needed).

Database: LocalStorage for local use or a small cloud database for persistent storage.

5. Constraints & Assumptions

The website will prioritize a simple and intuitive user experience over feature-heavy development.

4.Goals

4.1. Primary Goal

To develop a simple, lightweight, and user-friendly web-based expense tracking system that allows users to quickly record, view, and manage their daily expenses without unnecessary complexity.

4.2. Specific Goals

4.2.1. User Experience Goals

Provide a clean, intuitive, and easy-to-navigate interface.

Ensure responsive design for seamless use on both mobile and desktop devices.

Minimize the number of steps required to add, edit, or delete expenses.

4.2.2. Functional Goals

Enable users to add, edit, and delete expenses easily.

Allow expenses to be categorized (e.g., Food, Transport, Bills, etc.).

Provide a simple summary of spending trends with total expenses and basic analytics.

Store expense data in local storage or a lightweight cloud database.

4.2.3. Technical Goals

Develop the website using lightweight and efficient technologies (e.g., HTML, CSS, JavaScript, or React).