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WDI MAY 25 Team 1 PROJECT CHARTER

<table>
<tr><td colspan="2">--CONFIDENTIAL INFORMATION--</td></tr>
<tr><td>Project name</td><td>Expense Tracker Application</td></tr>
<tr><td>Technologies involved</td><td>HTML, CSS, JS, JSON, JQuery, PHP, and MySQL</td></tr>
<tr><td>Team ID</td><td>WDI MAY 25 - Team 1</td></tr>
<tr><td>Team lead</td><td></td></tr>
<tr><td>Team members</td><td>All are Interns from WDI MAY 25 Team 1
<table>
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<tr><td>Assigned on</td><td></td></tr>
<tr><td>Deadline</td><td></td></tr>
<tr><td>Buffer period</td><td>6 Days</td></tr>
<tr><td>Approval</td><td>☐ Approved
☐ Redo</td></tr>
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Problem Statement

In today's fast-paced life, managing and tracking personal expenses is often neglected, leading to poor financial control. Many individuals lack a simple system to record daily spending, categorize expenses, and analyze where their money goes. A basic expense tracker application can help users stay financially organized. It allows users to enter expenses, group them under meaningful categories, and view summaries of their spending. This project aims to develop a simple, web-based tool using core web technologies. It will offer essential features in a clean, beginner-friendly interface.

Project Roadmap

Phase 1: Planning & Setup

- Understand project goals
- Assign one module per intern
- Design rough UI screens on paper or Figma
- Create project folder structure

Phase 2: Frontend Development

- Each intern builds HTML + CSS + jQuery for their module
- Ensure consistent layout and shared header/footer styles

Phase 3: Backend Development

- Use PHP and MySQL to store, fetch, and process data
- Connect frontend forms to backend PHP scripts
- Use simple form submissions and AJAX where needed

Phase 4: Integration & Testing

- Combine all modules into one unified system
- Test all pages and fix broken flows or bugs

Phase 5: Final Review & Deployment

- Polish UI, fix minor issues
- Host on localhost/XAMPP or upload to free PHP hosting
- Submit documentation, screenshots, and short demo video

Module:

1. **User Authentication Module**
   Function: Allows user registration and login.
   Frontend: HTML forms for login and signup with jQuery validation.
   Backend: PHP code for user registration/login using sessions and password hashing.
   Database: users table with fields: id, name, email, password.

2. **Expense Entry Module**
   Function: Users can add/edit/delete their expenses.
   Frontend: Form to enter date, amount, description, and category.
   Backend: PHP scripts to insert/update/delete expense records.
   Database: expenses table with fields: id, user_id, amount, date, description, category_id.

3. **Expense Category Module**
   Function: Manage categories like Food, Travel, etc.
   Frontend: UI to list categories and assign them while adding expenses.
   Backend: PHP to add/remove categories, fetch list.

Database: categories table: id, name, user_id.

4. **Dashboard & Analytics Module**
   Function: Show total spending and category-wise summaries.
   Frontend: Use jQuery and chart libraries (e.g., Chart.js or Google Charts).
   Backend: PHP queries to calculate totals and group data by category.
   Database: Uses data from expenses and categories.

Project Expectations

The final product should be a clean, functional web application that allows users to manage their daily expenses. It must include user login, the ability to add and categorize expenses, and display a dashboard with summaries and visual charts. Each intern will handle one module end-to-end - frontend with jQuery and backend using PHP and MySQL. Code must be clean, properly structured, and well-commented. The application should work well on localhost and include basic validation and user-friendly UI.