

Project: Personal Expense Tracker

Build a simple web-based personal expense tracker that allows users to:

1. Add daily expenses with categories (e.g., food, transport, entertainment).
2. View expenses by day, week, or month.
3. Visualize spending patterns using a chart.
4. Export data as a CSV or JSON file.

Tech Stack:

- Frontend: HTML, CSS, JavaScript + jQuery / Angular (show UI/UX skills).
- Backend: PHP
- Database: MySQL
- Charts: Chart.js or similar library for visualizations.

Features:

1. Frontend Development:
 - Use Bootstrap or CSS Grid/Flexbox for a responsive design.
 - Implement form validation for inputs (e.g., category, amount).
 - Use modals for editing/deleting expenses.
2. Backend Development:
 - Use Ajax to handle expense CRUD operations.
 - Validate and sanitize data to demonstrate security practices.
3. Database Design:
 - Design a simple relational database to store user expenses.
4. Data Visualization:
 - Use a charting library like Chart.js to display spending trends.
5. Export Functionality:

- Provide an option to download all expense data as CSV or JSON.

6. User Authentication:

- Add a simple login system using hashed passwords for bonus security.