

SE Factory

Week 4 - Assignments

Expense Tracker

Exercise

In this assignment, you will integrate an interactive frontend with a backend that returns `json` data instead of only `html` data. A portion of the application might be created using a regular `html/php` request/response cycle (for login/register). For the expenses portion of the application, you must use asynchronous calls.

Requirements

Create a browser application that allows users to register and login to do the following:

- Add/Edit expenses (also delete)
 - With a date
 - Amount
 - Category of expense
- List all expenses
- Create a side view that uses an external JS library (your choice) to show the expenses in a pie chart, grouped by categories.

As a start, you might add the categories into the database manually, but to complete project, you must create an editor for the categories.

The application will have a backend that the web page can interact with through asynchronous calls. This API will be `json` based, and it should securely separate the user data from each other, without a possibility of leakage between them.