

Personal Expense Tracker Project Timeline

Week	Start Date	End Date	Day	Task	Filename(s)
Week 1					
1	12/12/2024	18/12/2024	1	Set up development environment (UniServer, Git) and create initial project structure.	index.php
			2	Learn PHP fundamentals (variables, data types, control flow, functions).	
			3	Design the basic HTML structure for the expense entry form using Bootstrap for responsive design.	bootstrap.min.css, style.css
			4	Implement form handling in PHP, including input validation and sanitization.	create.php, edit.php
			5	Set up MySQL database and create the initial expense table schema.	database.php
			6	Establish a database connection in PHP and write the first SQL query to insert expense data.	functions.php
			7	Test the form submission and database insertion process, debugging any issues.	expense_controller.php
Week 2					
2	19/12/2024	25/12/2024	8	Enhance form validation with more robust input checking and error handling.	
			9	Learn AJAX and implement it to dynamically update form fields and display validation messages.	script.js, create.php
			10	Create PHP functions to retrieve expense data from the database.	expense.php
			11	Develop the expense listing page using Bootstrap for a visually appealing layout.	index.php
			12	Implement dynamic expense listing using AJAX to fetch data without full page reloads.	script.js, index.php
			13	Add update functionality for expense entries, including form validation and database updates.	edit.php
			14	Implement delete functionality for expenses, confirming the deletion before proceeding.	expense_controller.php
Week 3					
3	26/12/2024	01/01/2025	15	Learn the basics of Chart.js and create a simple chart to visualize sample data.	script.js
			16	Write PHP scripts to fetch categorized expense data from the database.	expense.php
			17	Generate dynamic charts (bar, pie, line) using Chart.js to visualize expense categories.	script.js
			18	Add features to update charts dynamically without page refreshes.	script.js
			19	Learn PHP file handling operations (reading, writing, and appending).	functions.php
			20	Implement CSV export functionality to download expense data.	functions.php
			21	Implement JSON export functionality for further data analysis and integration.	functions.php

Week 4					
4	02/01/2025	06/01/2025	22	Design the user authentication database schema, including user roles and permissions.	database.php
			23	Implement user registration and login functionalities, hashing passwords for security.	AuthController.php
			24	Create session management to maintain user authentication and authorization.	AuthController.php
			25	Conduct thorough end-to-end testing of all features, including edge cases and error handling.	AuthController.php
			26	Deploy the application using Docker or a similar containerization solution. Create comprehensive documentation for future reference.	README.md