Personal Expense Tracker Project Timeline

Week 1 (12th–18th Dec)

Day 1 (12th Dec): Install UniServer, create project directory, set up Git repository, write first "Hello World" PHP script

Day 2 (13th Dec): Learn PHP syntax fundamentals (variables, arrays, functions), create basic variable manipulation scripts

Day 3 (14th Dec): Design initial expense entry form HTML, learn form handling basics in PHP

Day 4 (15th Dec): Implement form input validation and sanitization techniques

Day 5 (16th Dec): Install MySQL, create initial database schema for expenses

Day 6 (17th Dec): Write PHP scripts to connect to MySQL, create first database insertion script

Day 7 (18th Dec): Test form submission and database insertion, debug any connection issues

Week 2 (19th–25th Dec)

Day 8 (19th Dec): Enhance form validation with more robust input checking

Day 9 (20th Dec): Implement error handling for form submissions

Day 10 (21st Dec): Create PHP functions for retrieving expense data from database

Day 11 (22nd Dec): Learn AJAX basics, create first AJAX-enabled PHP script

Day 12 (23rd Dec): Develop dynamic expense listing with AJAX

Day 13 (24th Dec): Implement update functionality for expense entries

Day 14 (25th Dec): Add delete functionality for expenses

Week 3 (26th–1st Jan)

Day 15 (26th Dec): Learn Chart.js basics, create first test chart

Day 16 (27th Dec): Develop PHP script to fetch categorized expense data

Day 17 (28th Dec): Generate first data visualization (bar or pie chart)

Day 18 (29th Dec): Add dynamic chart updates without page refresh

Day 19 (30th Dec): Learn PHP file handling for exports

Day 20 (31st Dec): Implement CSV export functionality

Day 21 (1st Jan): Implement JSON export functionality

Week 4 (2nd–6th Jan)

Day 22 (2nd Jan): Design user authentication database schema

Day 23 (3rd Jan): Implement user registration system with password hashing

Day 24 (4th Jan): Create login mechanism and session management

Day 25 (5th Jan): Conduct comprehensive end-to-end testing of all features

Day 26 (6th Jan): Deploy the project using Docker containerization, final documentation