



Expense Tracker Web Application Using Angular

24.08.2024

Aditya Santosh Siras
SSGMCE Shegaon

Overview

The Angular Expense Tracker Web Application is a user-friendly tool designed to help beginners manage their expenses effectively. Developed using Angular, this project offers a simple and intuitive platform for tracking daily expenses and managing budgets.

Key Features:

1. User registration and login.
2. Expense Dashboard.
3. Add, Update, and View Expenses.
4. Manage Budgets.

Project :

This project involves creating an application where users can log in, view their expenses, and add new expense records. It will help you understand how to set up an Angular project, create components, and perform basic CRUD (Create, Read, Update, Delete) operations.

Application Name:

Expense Tracker Web Application Using Angular


Application Title:

Expense Tracker

Login:

Login component contains input components for username and password and a login button to login.

Dashboard:



After logging in, users will be directed to the dashboard component. The dashboard will display the last 3 expense entries. The UI of the dashboard includes :

- Income section.
- Expense section
- To do transaction section
- Total income section

Income,Expense,ToDo Component:

When clicking on "View", a new component should load to add an income/expense/todo expense. The component should include input fields for:


- 1.month
- 2.Category
- 3.Amount
4. Source
5. List showing summary
- 6.Save button

Conclusion:

Completing this Angular application marks a significant milestone in my journey as a developer. This project has provided me with a solid understanding of the fundamental concepts of Angular and web development in general.

Through this application, you've learned how to:

- Set up an Angular project and organize its structure.
- Implement data binding and user interactions using Angular components and services.
- Create a user interface with Angular Material, ensuring a responsive and user-friendly experience.
- Perform CRUD operations effectively.
- Implement form validation and error handling to enhance the application's robustness and usability.
- Utilize Angular routing to create a seamless navigation experience.



This project not only demonstrates my technical skills but also showcases my ability to design and implement a functional application from scratch. The knowledge and experience gained from this project will serve as a strong foundation for tackling more complex projects in the future, whether in academic, personal, or professional space.