

Expense Tracker Documentation

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GitHub: <https://github.com/vansh167/Expense-Tracker-.git>

■ Overview

The Expense Tracker is a modern, full-featured expense management application built with React. It allows users to track incomes, expenses, loans, and transactions with charts, PDF export, dark/light mode, and persistent storage using Local Storage linked to the user's email.

■ Tech Stack

Frontend: React.js

State Management: React Hooks + Local Storage

Charts: Recharts (Pie, Bar, Line)

Styling: CSS (Dark & Light Theme)

PDF Export: jsPDF + jsPDF-AutoTable

Validation: Custom Form Validations

■ Features

1■■ Authentication

- Sign Up & Login with email/password.
- Data automatically restored when logging in with the same credentials.

2■■ Dashboard

- Add Income & Expenses with category selection (Salary, Freelancing, Traveling).
- Charts: Pie chart for income vs. expenses, Bar chart for category-wise breakdown.
- Transaction history with PDF export.
- Tooltips for quick info.

3■■ Payment Methods

- Add beneficiary account details and send money.
- Transfer history with PDF export.

4■■ Loan Management

- Add loan details, automatic EMI calculation, start/end date generation.
- Pay EMI with automatic balance deduction.
- Loan history & charts.

5■■ Settings

- Manage income & expense categories.
- Switch between Light & Dark mode.

■ Installation

1. Clone the repository:

git clone <https://github.com/yourusername/expense-tracker.git>

`cd expense-tracker`

2. Install dependencies:
`npm install`

3. Start the server:
`npm start`

4. Open `http://localhost:3000` in your browser.

■ Usage

1. Sign up with email & password.
2. Add income or expense with categories.
3. View insights on dashboard charts.
4. Send money via payment section.
5. Manage and repay loans.
6. Download PDF reports.
7. Toggle between light and dark mode.

■ Data Storage

All data is stored in Local Storage keyed to the user's email.
Logging in with the same credentials retrieves all past data.

■ License

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