

Project Report

Project Title: Money Map – Expense Tracker

Duration: 10 Days

Technologies Used:

HTML5, CSS3, JavaScript

◆ **1. Introduction**

Managing personal finances is an essential skill in today's fast-paced world. The **Money Map** web application is designed to help users track their income and expenses in an organized and visual way. It allows users to monitor their financial habits and make informed decisions based on their transaction data.

◆ **2. Objective**

The main goal of this project is to:

- Help users add, manage, and review income/expense transactions.
 - Visualize spending habits using dynamic charts.
 - Export transaction data to PDF, Word, or Excel.
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◆ **3. Features**

✓ **Add Transactions**

Users can input details like type (income/expense), category, amount, and date through a simple form.

✓ **Visual Overview**




Spending patterns are shown in a **responsive line chart**, grouped by date, powered by **Chart.js**.

✓ **Real-time Balance Calculation**

Total income, total expenses, and the current available balance are dynamically updated.

✅ Data Export

One-click export of transaction data into:

-  PDF (via jsPDF)
-  Word Document (via docx.js)
-  Excel File (via SheetJS)

✅ Transaction History Table

Users can view, track, and delete their previous transactions instantly.

4. Responsive Design

The UI is optimized using **media queries** to ensure smooth viewing on:

- Mobile Phones
 - Tablets
 - Desktops
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◆ 5. Code Structure

- index.html: Provides the layout and structure.
 - styles.css: Adds modern styling with gradients, shadows, and animations.
 - script.js: Handles data logic, chart rendering, and export functions.
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◆ 6. Conclusion

This project demonstrates how front-end technologies can solve real-life problems like financial planning. The **Money Map Expense Tracker** is a complete beginner-friendly tool that encourages good money habits through interactive features.
