

Project: Simple Expense Tracker (C# Console App - No Database)

Objective: Build a **basic expense tracking system** using **C# OOP principles**.

Core Features & Requirements (Simplified):

1. Expense Management

- Store expenses in a **list (in-memory, no database)**
- Functions for:
 - **Add an expense** (Description, Amount, Category)
 - **View all expenses**
 - **Export all expenses**

2. Calculate Total Expenses

- Show the **total amount spent**
- Filter expenses by **category**

3. Simple Console Menu

- Use a **menu-driven UI** for easy navigation
- Allow users to **view expenses by category**

Menus and steps:

1. Add Expense (with proper validations)
 - ask for category, amount, description
2. View All Expenses
 - list all expenses
3. Export Expenses (with total amount spent)
 - submenus:
 - text
 - csv
 - excel
4. Check total spent amount
 - will give total amount

5. Check all expenses by category

- list all distinct categories
- once user select any category then display list of expenses with selected category including total spent on that category.