

Expense Tracker

This project contains 3 classes namely User, Expense & ExpenseManager.

User Class contains user name, email and password for authentication.

Expense Class contains expense amount, description, category & date.

ExpenseManager Class contains list of objects of type Expense class.

A Menu driven interface is provided to add, login and view user details.

User class defines authentication mechanism to store user credentials in a json file. If login is successful, then ExpenseManager Menu is displayed. The User details are persistent.

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Expense Tracker Menu:

1. Add Expense
2. Delete Expense
3. View Expenses
4. Filter by Category
5. Monthly Report
6. Search Expenses
7. Total Expenses
8. Exit

Enter your choice:

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Once User is authenticated, ExpenseManger Menu is displayed:

Welcome "anas@adobe.com": Login successful...

ExpenseManager Class contains methods to add, delete, view, search & filter expenses via category. The expenses are persistent with data being written to a JSON file.