expense tracker class diagram

Last updated by | 230701308 | 5 Apr 2025 at 6:45 pm IST

User

+int id
+String name
+String email
+String password
+List<Expense> expenses
+List<Budget> budgets

has   many   1
sets   1   many
generates   1   many

Expense

+int id
+double amount
+String description
+Date date
+Category category
+int userId

Budget

+int id
+double limit
+Category category
+Date startDate
+Date endDate
+int userId

Report

+int id
+Date startDate
+Date endDate

+double totalExpenses()
+Map~Category, double~ expensesByCategory()

belongs to   1   1
applies to   1   1

Category

+int id
+String name
+String icon