

Travel Expense Planner Project Statement

Problem Statement

During personal or group travel, managing expenses in real-time can be disorganized, leading to budget overruns or an unclear picture of spending. Travelers often need a quick, reliable way to categorize spending, monitor a set budget, and see a breakdown of where their money is going.

Scope of the Project

This project, the Simple Travel Expense Planner, is a command-line application designed for single-session use. It allows users to track expenses across multiple categories, set a total trip budget, and view detailed analytical reports on spending versus the budget.

Target Users

- **Individual Travelers:** Students, solo adventurers, or professionals who need to monitor their budget closely during a trip.
- **Small Groups/Families:** Users needing a simple, shared tool (if run on a shared environment) to aggregate trip spending.

High-Level Features

1. **Expense Recording:** Record expenses under predefined or custom categories.
2. **Budget Setting:** Define a total trip budget in Indian Rupees (₹).
3. **Reporting:** Generate a summary showing total spending, category breakdown (with percentages), and budget remaining/overage.
4. **Customization:** Ability to add new, specific expense categories (e.g., 'Souvenirs', 'Local Transit').