

# Budget Tracker

BAI0033

## Specific Features:

1. **Expense Tracking:** Users can input their expenses along with relevant details such as category, amount, description, and date. The program will organize and store this data for further analysis.
2. **Budget Setting:** Users can set budget goals for different expense categories (e.g., groceries, utilities, entertainment). The program will provide alerts when users exceed their set budget limits, helping them to manage their spending effectively.
3. **Reports Generation:** The program will generate comprehensive reports summarizing users' spending habits over specific time periods. Reports may include visualizations such as charts or graphs to provide a clear overview of expenses, allowing users to identify trends and areas where they can make adjustments to their spending habits.
4. **Category Management:** Users can create, edit, and delete expense categories according to their preferences and needs. This feature allows for better organization and customization of the budget tracking process, enabling users to categorize their expenses accurately and efficiently.
5. **Data export:** Users can export their budget data to external files (e.g., CSV or Excel format) for backup or analysis purposes.

## First Checkpoint Submission:

The first checkpoint submission will include the following components:

1. **Basic Functionality Implementation:** A working version of the budget tracker program with essential features such as expense tracking, basic budget setting.
2. **User Interface Prototype:** A simple user interface prototype demonstrating how users will interact with the program. This prototype will showcase the layout and design of key features, including screens for adding expenses, setting budgets, and generating reports.
3. **Database Structure Design:** Structure of the database that will store users' budget data.
4. **Checkpoint README:** A README file providing instructions on how to run the checkpoint submission, along with a brief overview of implemented features and known limitations. This document will guide the evaluator through the checkpoint submission and provide context for the implemented functionality.