Project name: Spendwise

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Project planning: 1/28

1, Core features:

**Income and Expense Tracking**:

* Users can log income and expenses with details (amount, date, category, description).
* Ability to edit and delete entries.

**Category Management**:

* Predefined categories (e.g., Food, Rent, Utilities, Clothes, Entertainment).
* Custom categories that users can create, edit, and delete.

**Budget Setting**:

Visual indicators (e.g., progress bars) showing budget utilization( for total budget).

**Expense Categorization**:

* Automatic or manual categorization of expenses based on user inputs.

**Data Visualization**:

* Pie charts for category-wise spending.
* Line graphs for income vs. expenses over time.
* Monthly and yearly summaries.

**Alerts and Notifications**:

* Alerts for budget nearing limits.

2, MVP (Minimum viable product)

**Income and Expense Tracking**:

* Log income and expenses with details (amount, date, category, and description).
* Ability to view, edit, and delete entries.

**Category Management**:

* Predefined categories (e.g., Food, Rent, Utilities, Entertainment).

**Budget Setting**:

* Set a monthly budget.

**Basic Data Visualization**:

* Pie chart showing category-wise spending for the current month.
* Bar chart comparing total income and expenses.

**Secure Authentication**:

* User login with email and password.

3, User Stories:

Default Categories:

**As a user,** I want the system to provide predefined categories (e.g., Food, Rent, Utilities, Entertainment) so that I can quickly start tracking my expenses without creating categories from scratch.

Assigning Transactions to Categories:

**As a user,** I want to assign my income and expenses to specific categories so that I can understand how much I spend in each area.

Customizable Time-Based Visualization

**As a user,** I want the system to provide an option for visualizing total income and expenses in a bar chart that can be filtered by week, month, or year so that I can better understand the trends and changes for my income and expenses.