

## Idea 1: Personal Finance Tracker

User can update income and expenses via the app and be able to see a dashboard of User's finance situation.

- Expenses should include details like (i) date, (i) amount, (iii) description, (iv) category of expense.
- Tracker should include:
  - Current Balance
  - Set Budget for each category
  - Total expenditure, Expenditure by category, Expenditure by Day (bonus ++ Graphs or Pie Charts).

## Database Design and ER Diagram

### Features

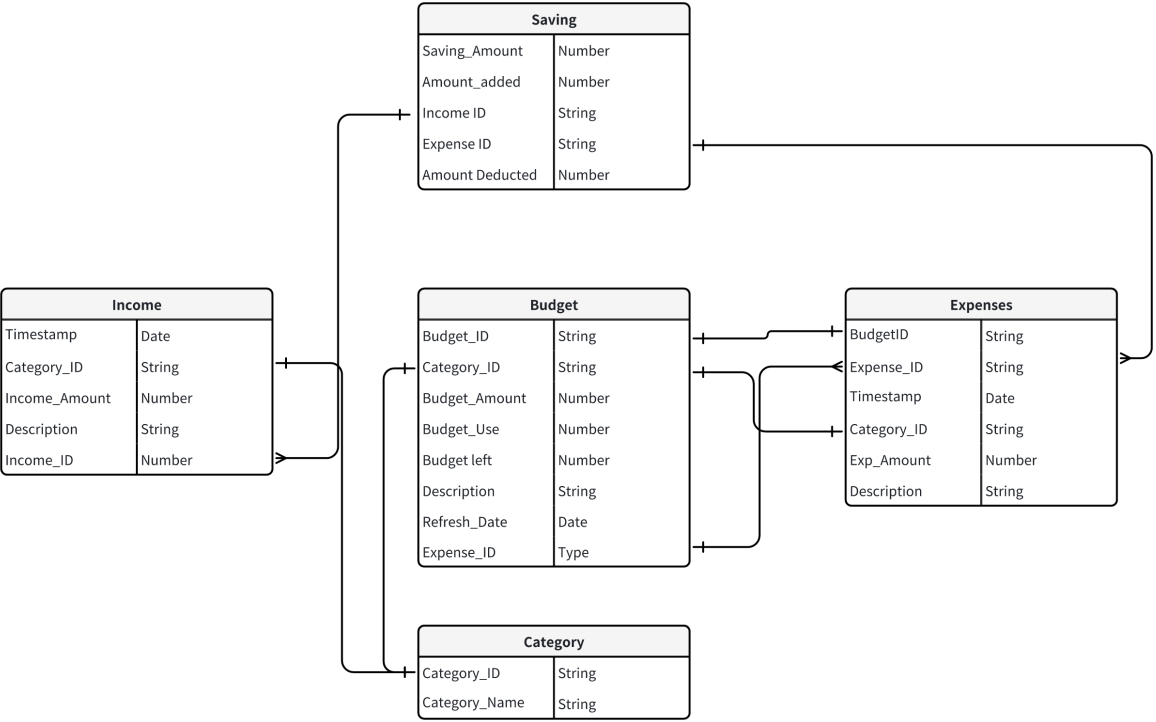
- Single User Application
- Filter
- Dashboard

### Keys and Properties

Income	Expense	Budget	Savings	Category
Income ID	Exp_ID	Budget_ID	Income ID	Category_ID
Category	Category	Category ID	Expense ID	Category Name
Amount	Amount	Budget Amount	Amount added	
Description	Description	Refresh_Date	Amount deducted	
Timestamp	Timestamp	Description	Balance	
	Budget ID	Budget Used		
		Budget left		

		Expense ID		
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ERD



Wireframe



IncomeGoalBudgetExpenseOverview

Table of past income entries

Date	Type	Amount	Desc


Create new income entries


Date:  
Amount:  
Income Type:  
Description:

Submit

Update

Delete





IncomeGoalBudgetExpenseOverview

Table of set goals


Create new Goal entries


Date:  
Amount:  
Income Type:  
Description:

Submit

Update

Delete





Goal 1

Amount Saved


\$

\$

\$

Cat 1Cat 2Cat 3

Line graphs of total expense  
of over time.



IncomeGoalBudgetExpenseOverview

Table of set Expense


Create new expense entries


Date:  
Amount:  
Income Type:  
Description:

Submit

Update

Delete





IncomeGoalBudgetExpenseOverview

Table of set budget

Create new budget entries

Date:  
Amount:  
Income Type:  
Description:

Submit

Update

Delete

