

tracker

- Purpose
 - Make it easier to manage basic budgets
 - Show users where they are spending their money
 - Provide a place where people can store all payment information
- Context
 - There will be a manager that can edit the budget
 - Viewers can view the budget
 - As of now, there are no external agents that tracker will need to interact with
- Concepts
 - Provide a tool to manage an overall budget based on a given dollar amount
 - Show analysis of in what categories money is being spent based on customizable tags
 - Store information for receipts
- Data Model
 - User
 - budgets: array of Budgets
 - Budget:
 - admin: array of Users with write permissions
 - watchers: array of Users with read permissions
 - costs: list of Cost objects
 - amount: Number amount of money allocated to budget
 - Cost
 - amount: Number amount of money
 - time: Date of when Cost occurred
 - tags: array of Strings denoting categories where money is spent
- Design Challenges
 - Building a data model
 - Use relational database structure
 - Coming up with interaction with users
 - Admin to edit
 - Watchers to view