

Budgeting System

Group 11

Ashkan Khademi Gharalar 218234674

Kavyan Nasserli 217829854

Curtis Lacasse 216779001

Abdullah Djama 216552002

Avi Guttmann 217267048

Budgeting system vision statement

This project embodies an elegant solution to managing finances which provides individuals and households with the means to take charge of their fiscal matters in the most efficient way. The vision our team has for this project is to create and design, what is, a user-friendly application that restructures the process through which we set budgets and maximises efficiency. We understand that managing finances can be overwhelming work, and our goal is to streamline that experience for our users by facilitating them to log and monitor their expenses, create their budgets, and receive notifications when needed for their future payments and bills with minor inconveniences. This project will be beneficial for busy individuals and households, who want to stay on top of their finances at all times, and for people who want to be more organised and proficient in managing their money. The application will have a system for user differentiation that allows multiple users to access and manage the same budget while simultaneously preserving the ability to log their individual and household spending.

Moreover, we will allow users to set budgets by category (Entertainment, Food, etc.), providing users with the information which helps them make intelligent decisions about their spendings and thoughtfully assign funds to those spendings. This application will allow for budget reworking, allowing users to adjust and alter their spending as their financial situation continues to change and develop. Other functionalities are also included, for instance, records grouping, the ability to search said records by date, category, price, and a tool that allows for the calculation of the difference between earning and spending over a period, which gives users a clear and understandable summary of their finances. One of the more helpful and handy features that this project will incorporate is payment notifications, which keep users informed and up-to-date about their upcoming payments and enable them to manage their finances even more efficiently and carefully. Users will also be able to update purchase information and delete records in case of any errors. We aim to empower people and households alike to exert control over their financial affairs and, on top of setting their financial goals, achieve them through thoughtful planning. This project is an invaluable resource for anyone looking to manage their finances precisely and expertly, particularly for occupied people and families.

Big Stories

Iteration 1: completed



Iteration 1: completed



Iteration 1: completed (the database is not complete but does store information when the program is open)

Storing Transactions in Database

All of our transactions will be kept in a database

Priority: High

Cost: 7 Days

Iteration 2:

Changing Records

Users should have the ability to correct transactions if incorrect information was given

Priority: Medium

Cost: 8 Days

Iteration 2:

Grouping Records

Users will be able to create different categories for their records

Priority: Low

Cost: 2 Days

Iteration 2:

Spending or Making

Users will have the ability to see both spending as well as income generation.

Priority: High

Cost: 3 Days

Categories

Users will be able to divide their budgets into different categories.

Priority: Low

Cost: 5 Days

Notifications when Payments are due

Our app will notify users when bills or payments are due

Priority: Low

Cost: 4 Days

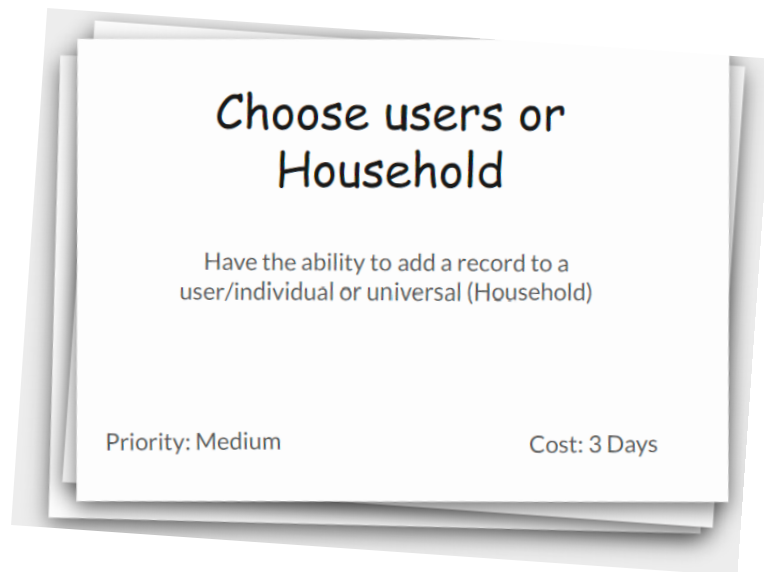
Budget Reworking

Users should be able to adjust their budget after their limit has been reached.

Priority: High

Cost: 8 Days

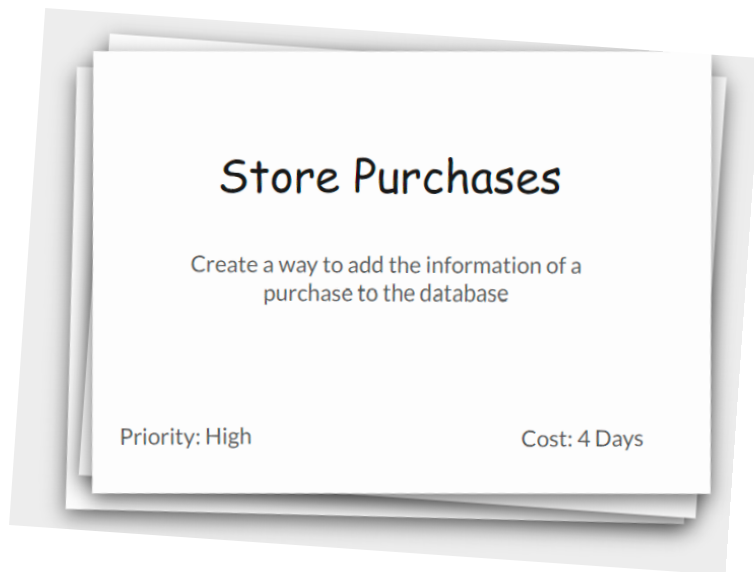
User Stories Iteration 1: completed without any issues. Now has the ability to choose between the inputted users



Completed has the ability to create users with a budget



Completed has the ability to store purchases as intended with the amount spent and when



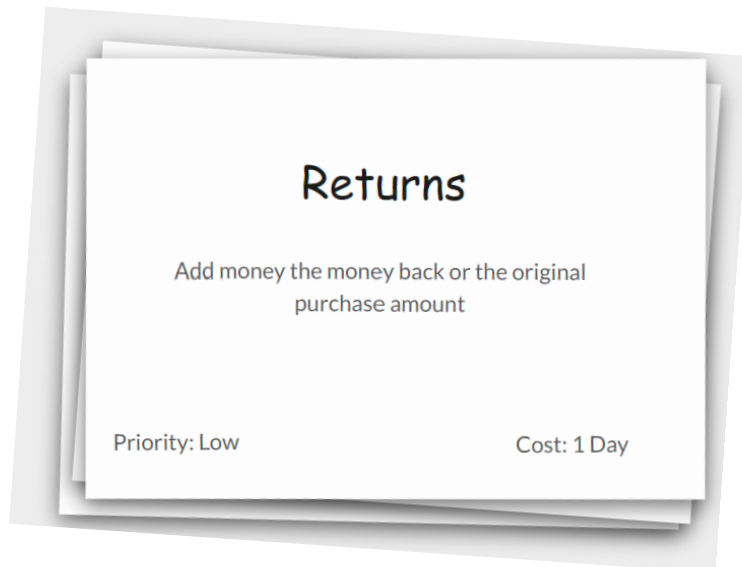
Partially completed: has the ability to store a budget and purchase of a user



Completed can show spending information of a user based on the inputted values

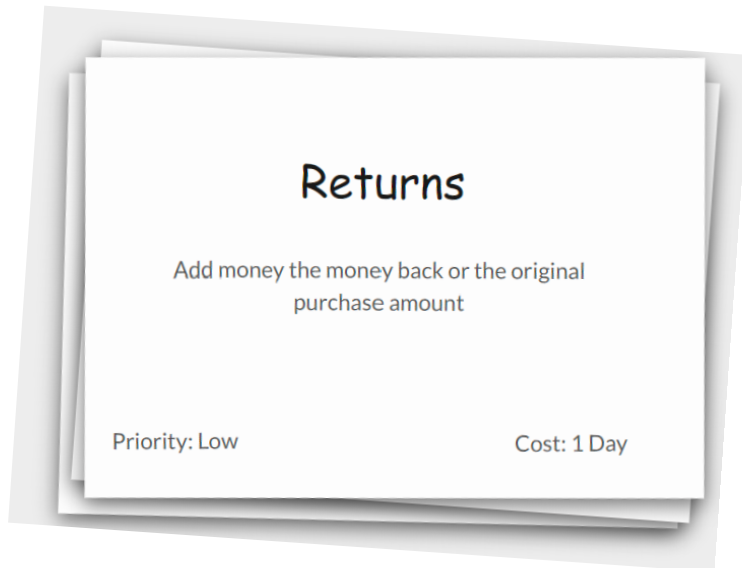


in completed due to time constraints. Currently only purchases are possible not return.

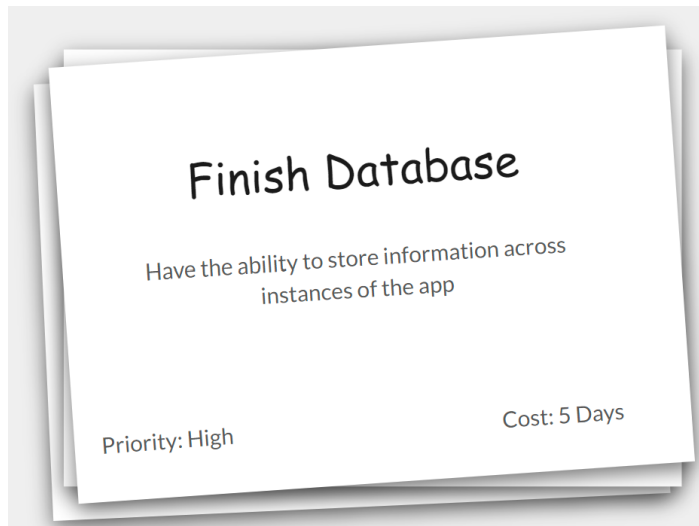


User stories iteration 2:

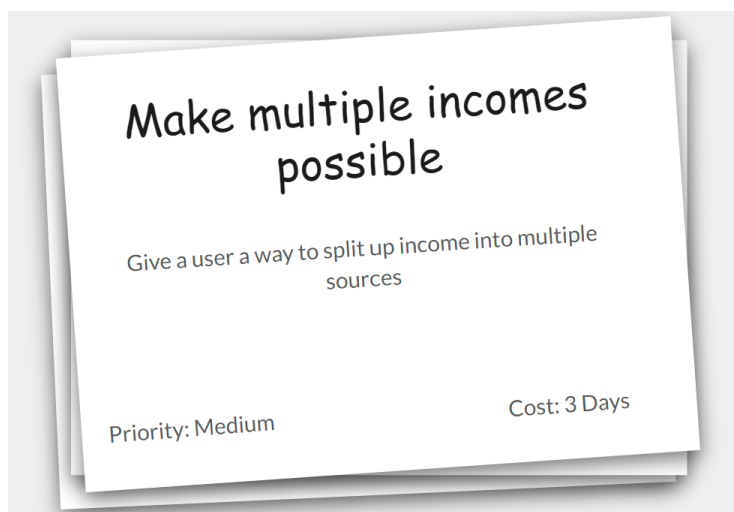
complete



completed



incomplete



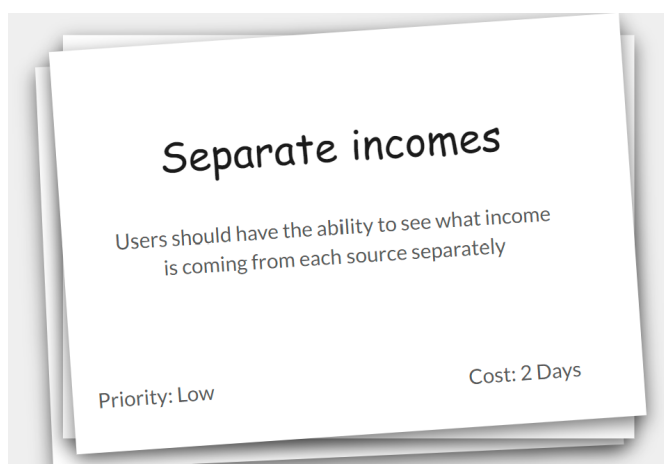
Partially completed have the ability to add categories no way to choose



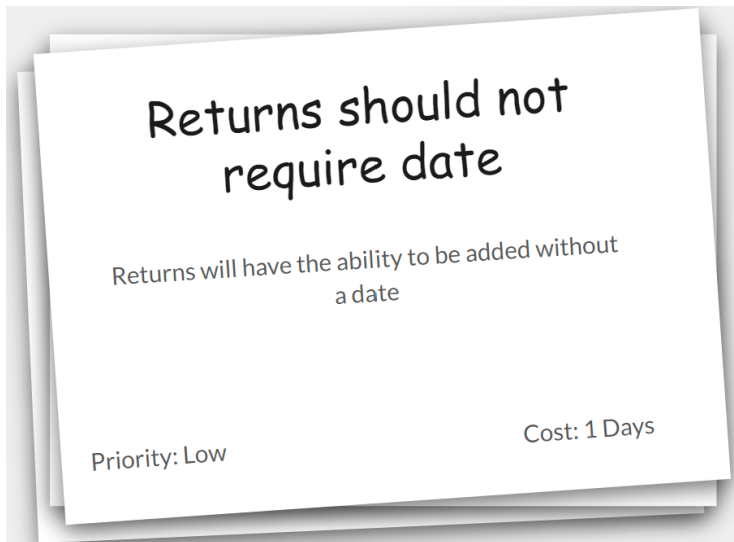
Partially completed allows ability to delete wrong transactions can not update yet without recreating



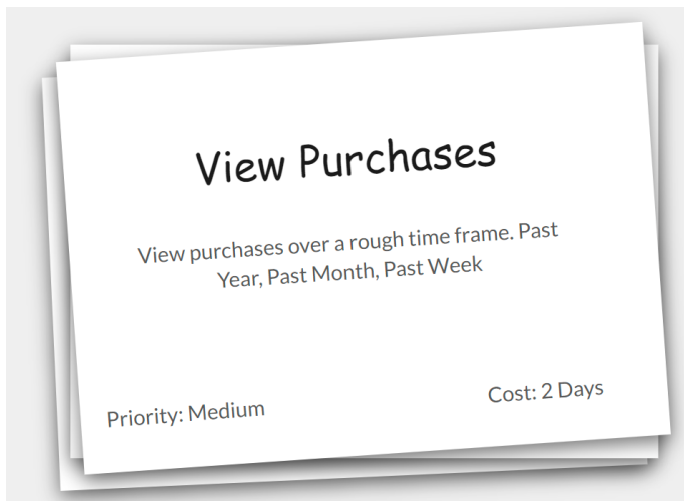
Client idea: incomplete



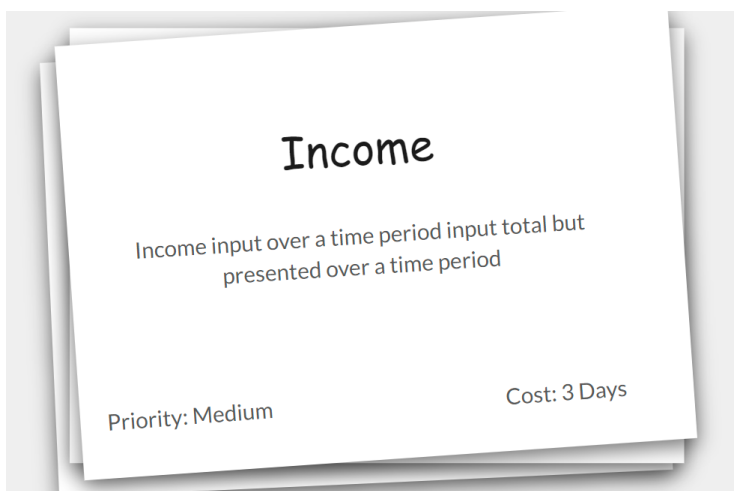
Client idea: Completed



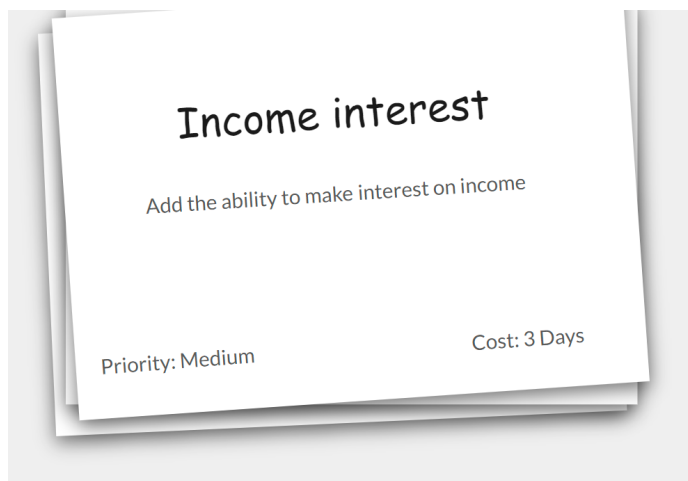
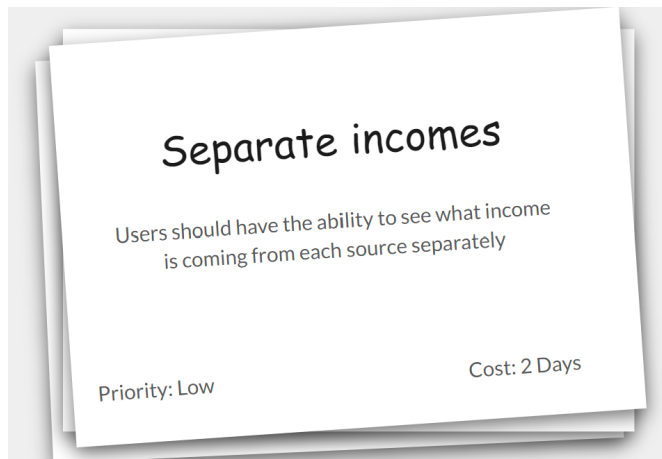
Client idea: Partially implemented, functionality still not available to users



Client Idea: Completed



Iteration 3 user stories:



Inform when balance in negatives

Let a user know when balance is negative or will go into negative

Priority: Medium

Cost: 3 Days

Category Sorting

Sort by categories of purchase and return

Priority: Medium

Cost: 3 Days

Rework purchases

Change information when chosen instead of deleting

Priority: Medium

Cost: 3 Days

View Purchases

View purchases over past year, month, or week

Priority: High

Cost: 5 Days