Sprint 3 Plan

BudgetByte
Completion Date: 11/19/2024

Revision #1
Revision Date 11/6/2024

Goals

- User Friendly Website
- Automated grocery receipt categorization
- Visualize data
- Spikes:
  - Classifying items into food groups with ChatGPT API
- Infrastructure Tasks:
  - Refine Design of the website
  - Fix build errors
    - Fixing "any" keyword inputs
  - Need unit tests for features
  - Add documentation

User Stories

INFRASTRUCTURE TASKS

Task	Story Points	Taken By:
Add unit tests and fix errors for previous work	3	Eric P.
Add unit tests and fix errors for previous work	3	Eric A.
Add unit tests and fix errors for previous work	3	Jennie
Add unit tests and fix errors for previous work	3	Nav
Add unit tests and fix errors for previous work	3	Ethan

1. As a BudgetByte user, I want the app to have a simple and intuitive design so I can easily track my grocery spending and quickly find information about my purchases without feeling overwhelmed.

Task	Story Points	Taken By:
Refine the Landing page	4	Eric A.
Add informative messages for the landing page	2	Eric A.
Fix website navigation (navbar)	4	Nav
Refine the Profile page	2	Nav
Fix title of login/register	2	Nav
Refine the Dashboard page	4	Ethan

2. As a health-conscious money saver, I want to see a pie chart representation of my grocery spending by category, so that I can understand how much I spend on different food groups and see if I am eating a balanced diet:

Task	Story Points	Taken By:
Visualize data using MUI charts	4	Ethan
Refine the Analytics page	8	Jennie

3. As a user, after the system extracts my groceries and price, I want to be able to edit the data, so that I can correct any mistakes in name/price

Task	Story Points	Taken By:
Create a popup that allows user to edit parsed data	4	Ethan
Create a popup that allows user to confirm they have completed editing their changes	2	Eric P.
Modify the receipt collection in Firebase so that there's a field for user id (to match users with their receipts)	2	Eric P.

4. As a health-conscious user, I want the system to categorize each item from my receipt into specific food groups, so I can see what types of food I am buying
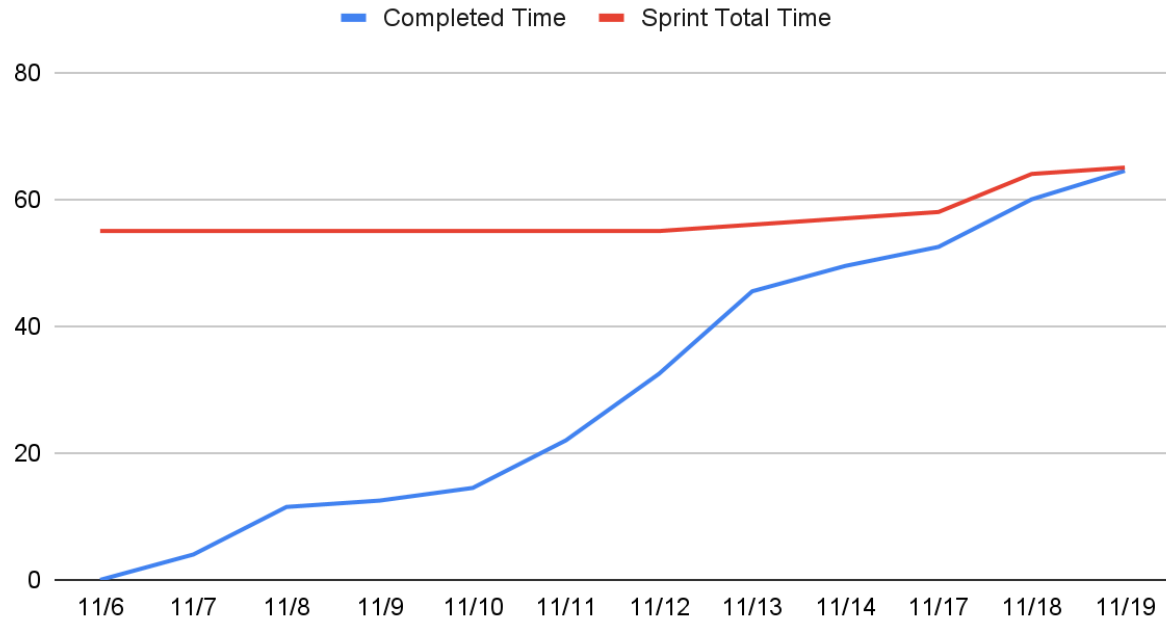
Task	Story Points	Taken By:
Refine OpenAI prompt to categorize items and also detect non-receipt data	2	Eric P.

Scrum Board

User Story	To-Do	In Progress	Done
As a BudgetByte user, I want the app to have a simple and intuitive design so I can easily track my grocery spending and quickly find information about my purchases without feeling overwhelmed.			Refine the Landing Page Adding informative messages Fix website navigation Refine the profile page Fix title of login/register Refine the dashboard page
As a health-conscious money saver, I want to see a pie chart representation of my grocery spending by category, so that I can understand how much I spend on different food groups and see if I am eating a balanced diet:			Visualize data using MUI charts Refine the Analytics page
As a user, after the system extracts my groceries and price, I want to be able to edit the data, so that I can correct any mistakes in name/price			Create a popup that allows user to confirm they have completed editing their changes Create a popup that allows user to edit parsed data Modify the receipt collection in Firebase so that there's a field for user id (to match users with their receipts)
As a health-concious user, I want the system to categorize each item from my receipt into specific food groups. So that I can see what types of food I am buying			Refine OpenAI prompt to categorize items and also detect non-receipt data.

Scrum Burn-Up Chart

BudgetByte Sprint 3 Burn-Up Chart

Scrum Standup Times

Monday: 1:30pm - 2:00pm
Wednesday: 1:30pm - 2:00pm
Friday: 5:30pm - 6:00pm

Team Roles

- Eric Phuong: Product Owner, Developer
- Eric Anderson: Scrum Master, Developer
- Ethan Byeon: Developer
- Jennie Lin: Developer
- Navaneeth Srinivasan: Developer