

Sprint 2 Plan, Detective Dollar

Detective Dollar Team. Completion by Monday 10/23/23

Goal: Creating spending graphs and allowing the user to better manage their inputted expenses.

Task Listing:

User Story 1: As a user, I should be able to view a pie chart of my expenses

1. Create a backend function to get expenses by category (< 2 hours)
2. Create a backend function to get expenses by time frame (< 2 hours)
3. Create a page within the app (< 30 mins)
4. Get data from the backend and create a Pie chart (< 1 hour)

Total for User Story: 3.75 hours

User Story 2: As a user, I can see a navigation bar at the bottom to switch between daily expenses, graphs, and entering expenses

1. Create Nav bar icons (< 30 mins)
2. Create Nav bar component (<40 mins)
3. Add a nav bar to each page (< 10 mins)

Total for User Story: 1.20 hours

User Story 3: As a user, I can delete an expense

1. Create backend functionality to delete entries from CSV (< 2 hour)
2. Add delete option on the home screen (< 30 mins)
3. Create a popup for confirming action (< 30 mins)

Total for User Story: 3 hours

User Story 4: As a user, I can mark expresses as recurring

1. Add recurring option to Add expenses page (< 30 min)
2. Design new CSV to store recurring expenses (< 30 min)
3. Create functions to add to the new CSV (< 3 hour)
4. Add an icon to the home page to see that the expense is recurring (< 30 mins)

Total for User Story: 4.30 hours

Team Roles:

Thomas: Developer

Hersh: Scrum Master /Developer

Rohan: Developer

Ben: Developer

Cecile: Graphic Designer / Developer

Initial Task Assignment:

Thomas ➡ User Story: 1 Task: 3, 4 ;

Hersh ➡ User Story: 1 Task: 2;

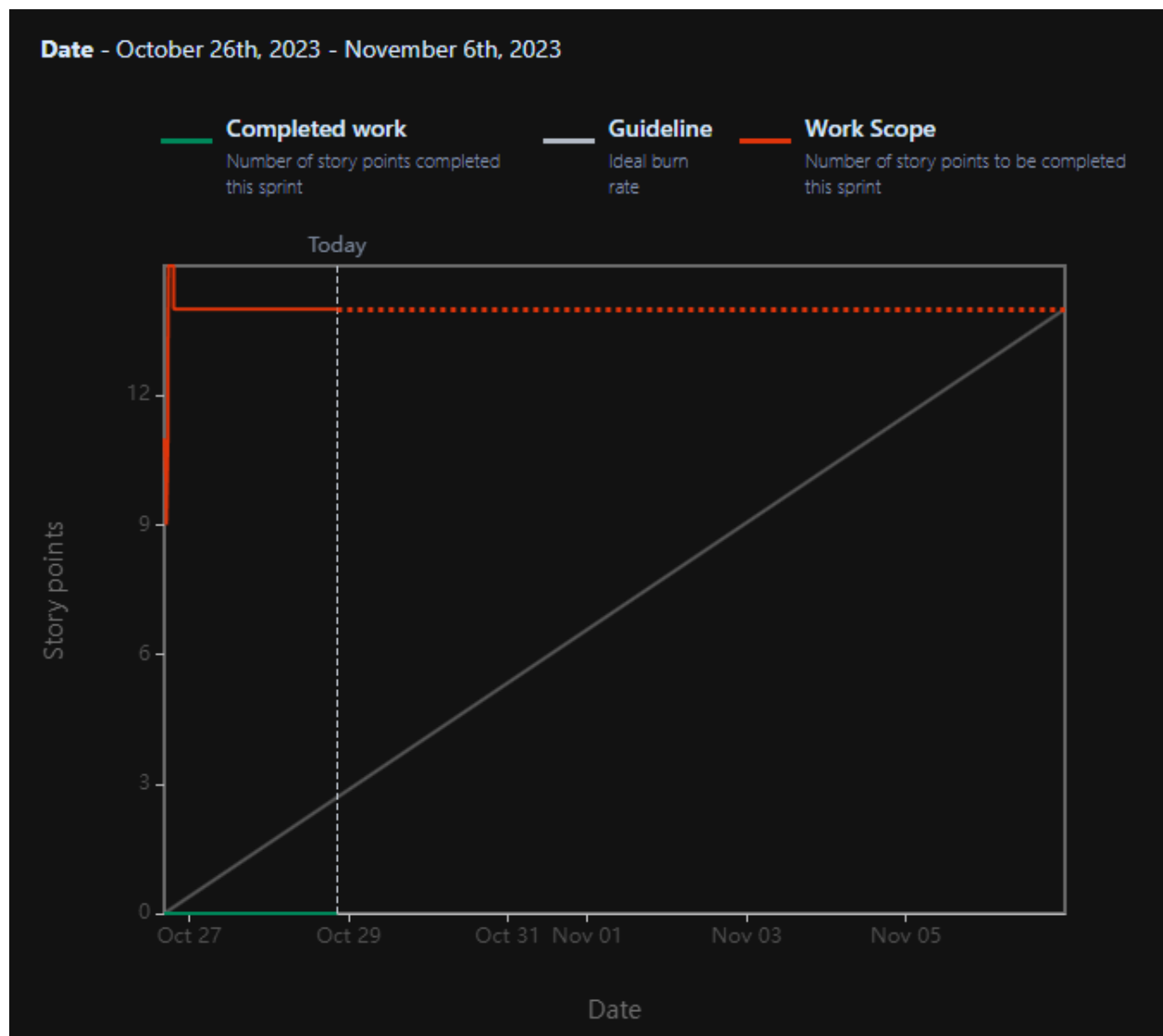
Non-user story task: Learn Unit testing for React Native apps, and learn how to have GitHub automate them

Rohan ➡ User Story: 2 Task: 1- 3

Ben ➡ User Story: Task: 1 - 3

Cecile ➡ User Story: 1 Task: 1, User Story 2 Task 1- 4

Initial Burnup Chart:



Initial Scrum Board:

USER STORIES	TODO	IN PROGRESS	COMPLETE
As a user, I can input an expense frequency for recurring expenses	<p>Add recurring option to Add expenses page</p> <p>Design a new CSV to store recurring expenses</p> <p>Create functions to add to the new CSV</p> <p>Add an icon to the home page to see that the expense is recurring</p>		
As a user, I can delete expenses I no longer need	<p>Create backend functionality to delete entries from CSV</p> <p>Add a delete option on the home screen</p> <p>Create a popup for confirming action</p>		
As a user, I can see a navigation bar at the bottom to switch between daily expenses, graphs, and entering expenses	Add a nav bar to each page	<p>Create Nav bar icons</p> <p>Create a Nav bar component</p>	
As a user, I should be able to view a pie chart of my expenses	<p>Create a backend function to get expenses by category</p> <p>Create a backend function to get expenses by time frame</p>		

	<p>Create a page within the app</p> <p>Get data from the backend and create a Pie chart</p>		
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Scrum Times:

Mondays: 10am - 10:45 with TA

Thursdays: 4:15 pm - 5:15 pm

Sundays: 6 pm - 7 pm