

Template: <https://drive.google.com/file/d/1nMUD5rQnLaPcJS1O2J3DY3U7D3w0wHr4/view>

Sprint 3 Plan; Receipt Mobile App; Awesome Receipt App; 5/21/24; V0.3; 5/8/24

Goal: Build a mobile app capable of assigning items to group members, and returning the subdivided cost of the items on the receipt from Costo, Safeway, or Trader Joe's.

Task Listing:

Sprint 3 5/7:

- “As a user, I want to assign different people lines on a receipt.”[13]
 - Task 1: Use the dictionary produced by OCR to determine items {key(item name): value(item price)} (30 minutes)
 - Task 2: Assign items to different names of the group (1 hour)
 - Task 3: Divide the price of each item by however many people are holding the same item (1 hour)
 - Task 4: Total the price for each person (1 hour)
- “As a user, I want to be able to scan McDonald's receipts [13]
 - Task 1: Parse response grabbed from OCR (30 mins)
 - Task 2: Build dictionary from OCR output (2 hours)
- “As a user, I want my groups to be saved for future use” [8]
 - Task 1: Learn about react natives storage that's available (1 hour)
 - Task 2: Implement an AsyncStorage (2 hours)
 - Task 3: Modify the Define Groups screen to add functions that load and save groups (2 hours)
- “As a user, I want to be able to scan any brand's receipt.[21]
 - Task 1: Display a little toast for the image to follow instructions (30 mins)
 - Task 2: Have the user re-crop the prices only on the prices(30 mins)
 - Task 3: Parse response grabbed from MLkit (4 hrs)
 - Task 4: Organize Parsed items into dictionary (2 hrs)
 - Task 5: Modify the ProcessingImageScreen so that ProcessGeneric returns a dictionary(30 mins)
- “As a user, I want to be able to scan a receipt from Trader Joe's” [13]
 - Task 1: Parse response grabbed from OCR (30 mins)
 - Task 2: Organize parsed items into dictionary (30 mins)
 - Task 3: Remove unnecessary items from dictionary (3 hours)

Team roles:

Brendan: Developer

David: Developer

Darren: Product Owner, Developer

Jose: Developer

Thomas: Developer, Scrum Master

Initial Task Assignment:

Brendan: "As a user, I want to be able to scan a receipt from Trader Joe's" [13]

- Task 1: Parse response grabbed from OCR (30 mins)
- Task 2: Organize parsed items into dictionary (30 mins)
- Task 3: Remove unnecessary items from dictionary (3 hours)

David: "As a user, I want to assign different people lines on a receipt."

- Task 1: Map line items to their price based on y-axis (4 hours)
- Task 2: Work on UI (4 hours)

Darren: "As a user, I want the app to recognize receipts from different stores"[21]
(maybe Costco first?)

- Task 1: Display a little toast for the image to follow instructions
(30 mins)
- Task 2: Have the user re-crop the prices only on the prices(30 mins)
- Task 3: Parse response grabbed from MLkit (4 hrs)
- Task 4: Organize Parsed items into dictionary (2 hrs)
- Task 5: Modify the ProcessingImageScreen so that ProcessGeneric returns a dictionary(30 mins)

Jose: "As a user, I want my groups to be saved for future use" [8]

- Task 1: Learn about react natives storage that's available (1 hour)
- Task 2: Implement an AsyncStorage (2 hours)
- Task 3: Modify the Define Groups screen to add functions that load and save groups (2 hours)

Thomas: "As a user, I want to be able to scan McDonald's receipts [13]

- Task 1: Parse response grabbed from OCR (30 mins)
- Task 2: Build dictionary from OCR output (2 hours)

Initial Scrum Board:

Here is our scrum board on Jira

Projects / Receipt Mobile App

Backlog

Search: [] | [DL] [DS] [JE] [TS] [IB] [] | Epic ▾

[🔍] Insights [⚙️] View settings

☐ ▾ SCRUM Sprint 3 7 May – 21 May (17 issues)

Complete sprint ▾

☐ SCRUM-14 Assign different people lines on a receipt	TO DO ▾	JE
✅ SCRUM-30 Parse response for McDonalds receipt	TO DO ▾	TS
✅ SCRUM-31 Learn about react natives storage	TO DO ▾	JE
✅ SCRUM-33 Build dictionary for McDonalds receipt	TO DO ▾	TS
✅ SCRUM-35 Implement an AsyncStorage	TO DO ▾	JE
✅ SCRUM-36 Modify the Define Groups screen to add functions that load and save groups	TO DO ▾	JE
✅ SCRUM-32 Create a react-native state context	TO DO ▾	DS
✅ SCRUM-34 Create a cloud database	TO DO ▾	DS
✅ SCRUM-37 Build dictionary for Trader Joe's receipt	TO DO ▾	IB
✅ SCRUM-39 Create login page	TO DO ▾	DS
✅ SCRUM-42 Group CRUD functions	TO DO ▾	DS
✅ SCRUM-44 Contact CRUD functions	TO DO ▾	DS
✅ SCRUM-45 Modify the ProcessingImageScreen so that ProcessGeneric returns a dictionary	IN PROGRESS ▾	DL
✅ SCRUM-38 Display a little toast for the image to follow instructions	IN PROGRESS ▾	DL
✅ SCRUM-40 Have the user re-crop the prices only on the prices	IN PROGRESS ▾	DL
✅ SCRUM-41 Parse response grabbed from MLkit	IN PROGRESS ▾	DL
✅ SCRUM-43 Organize Parsed items into dictionary	IN PROGRESS ▾	DL

+ Create issue

Quickstart ✕

Scrum Times:

TA Meeting Time: Mondays 10:00AM

Weekly Meeting Times: M/W/F 11:00AM