wTemplate: https://drive.google.com/file/d/1nMUD5rQnLaPcJS1O2J3DY3U7D3w0wHr4/view

Sprint 1 Plan; Receipt Mobile App; Awesome Receipt App; 4/23/24; V0.1; 4/23/24

Goal: Build a mobile app capable of accepting an image of a receipt and return the contents of the receipt as text.

Task Listing:

Sprint 1 4/10:
- ○ "As a user, I want to be able to take a picture of a receipt and have the text recognized"[8]
  - ■ Task 1: Create the github repository and invite all the collaborators(time: 30 min)
  - ■ Task 2: Using the easyocr api, use it on images given to it for reading. (time: 2 hrs)
  - ■ Task 3: Translate the data into a dictionary for the backend. (time: 2 hrs)
- ● "As a user, I want to have an interface for using the app"
  - ■ Task 1: Find an reliable open-source UI software framework (time: 30 minutes)
  - ■ Task 2: Build a demo UI for the app (time: 1.5 hour)
- ○ "As a user, I want to be able to select a picture of a receipt on my phone and have the text recognized"[13]
  - ■ Task 1: Learn how to access camera gallery from a mobile app (time: 30 minutes)
  - ■ Task 2: Implement a means of accessing the camera gallery for selection of photos (time: 45 minutes)
- ○ "As a user, I want the application to process pictures quickly" [8]
  - ■ Task 1: Build a server that can accept images from a mobile app that will return the OCR processing results to the mobile device (time: 60 minutes)
  - ■ Task 2: Build a test client for sending images to the server (time: 45 minutes)

Team roles:

Brendan: Scrum Master
David: Developer
Darren: Product Owner, Developer

Jose: Developer
Thomas: Developer

Initial Task Assignment:

Brendan: "As a user, I want to be able to take a picture of a receipt and have the text recognized"

David:

Darren: "As a user, I want to be able to take a picture of a receipt and have the text recognized"
- Task 1: Create the github repository and invite all the collaborators(time: 30 min)
- Task 2: Using the easyocr api, use it on images given to it for reading. (time: 2 hrs)
- Task 3: Translate the data into a dictionary for the backend. (time: 2 hrs)

Jose: "As a user, I want to have an interface for using the app" Task: Create demo UI

Thomas: "As a user, I want the application to process pictures quickly" [8],
Task 1: Build a server that can accept images from a mobile app that will return the OCR processing results to the mobile device (time: 60 minutes)
Task 2: Build a test client for sending images to the server (time: 45 minutes)

Initial Scrum Board:

Scrum Times:
TA Meeting Time: Mondays 10:00AM
Weekly Meeting Times: M/W/F 11:00AM