Sprint 2 Plan

Product Name: Collect
Team Name: Collective
Sprint Completion Date: 7/9/19
Revision Number: 1
Revision Date: July 9 2019

Goal:

Be able to save the virtual receipts on to local storage, as well as display the items on the receipt in a visually appealing manner. Each item should be able to be divided for the people in the split group.

Task Listing:

- (8) Also as a general user, I want to be able to tell Collect the names of the people in the group I am splitting with so that I don't have to remember who owes what amount
    - Familiarize how to use text fields in Swift (0.5 hrs)
    - After familiarization, create menu where user can enter names into the app (1 hr)
        - Use "Contacts" app to get name, number of the user
    - After creating the menu, create a segue from the camera view to the menu view (0.5 hrs)
- (8) For each item, I want to assign it to each person in the group so that I can easily keep track of debts owed to me
    - Familiarize with table view and segmented controller (1 hour)
    - Create menu where user can assign an item to be split among entered names (2 hrs)
    - After items have been assigned to names, create an algorithm that calculates the total owed by each name (1 hr)
- (32) As a general user, I want to be able to look at previous receipts that I've scanned and saved them to my phone locally.

    - Familiarize how to save data and content to iOS and be able to call for that data (2 hours)
    - Implement local data storing of virtual receipts. (2 hours)
        - Design data schema for local storage
            - Decide on key/value mappings
        - Create algorithm/function for saving the data and calling for the data(for easier implementation towards UI).
- (8) Then, I want to have a high-level view of the mapping between item to person, so I can verify that the split has been computed correctly
    - Display the mapping computed by the algorithm above
        - Update the table view to reflect this mapping (1 hr)
    - Allow the user to modify amounts, add items, and re-compute the calculation (2 hours)
        - I/O for modifying amounts
        - I/O for adding items
        - Call method for recomputing calculations

Team Roles:

- Brian Thyfault: Product Owner, Developer
- Zachary Jicha: Developer
- Harsh Karia: Developer
- Rizzian Tuazon: Developer
- Norris Chan: Developer, Scrum Master
- Johnny Palacios: Developer, Scrum Master

Initial Task Assignment:

- Work on menu for selecting users / segue: Harsh, Norris
- Tableview display: Brian, Harsh
- Local data management: Rizzian
- Algorithm for splitting items: Zachary
- Verification and I/O into table view of additional items or modifications: Johnny Palacios

Burnup chart:

Scrum Board:

Scrum Times:

7/9/19 Tuesday: 12pm - TA present
7/11/19 Thursday: 12pm
7/5/19 Friday: 5pm