Sprint Plan 3
Product Name: CrowdVest
Team Name: UCSC StockApp Group
Sprint 3 Begin: 07/15/2019
Sprint 3 Completion: 07/22/2019
Revision Number: 1
Revision Date: 07/15/2019

Goal: In Sprint 3, our team aims to finish up our MVP and allow the user to view the groups they are in while managing groups they have ownership of. We also aim to refine the UI so that user flow is more fluid.

High-Level Features:
- Login Page
    - Repurpose/Remove buttons that may have redundant paths.
    - Reorganize page to fill in empty spaces.
- Sign Up Page
    - Reject non-existing domain.
- User Profile
    - Static profile bio/profile that can be edited
    - Button renaming for update profile
- Create Group function
    - Text fields for Group Name, Group Description, etc.
    - Write data into database
    - Redirect to home page with freshly updated group cards
- Group page
    - Button to request to join group

Product Backlog:

Priority	User Story	Story Point Estimate
1	As a user, I want a dashboard so that I can see what groups I am a part of on my dashboard to visualize my engagement with the Crowdvest platform.	7
2	As a user, I want to be able to have a legitimate login and sign up for an account so that I can use the application with some protection	3
3	As a user, I want a profile that I can edit so that I can have an identity in the groups	7

4	As a user, I want to be able to create/manage a group so that I can define our group's investment goals and have control over who joins my group	21
5	As a user, I want to be able to join a group of my choice	13

Task listing (organized by user story):
As a user, I want a dashboard so that I can see what groups I am a part of on my dashboard to visualize my engagement with the Crowdvest platform.
- LEARN materialize.js [2 hours]
- REDESIGN & IMPLEMENT: Reduce redundant buttons and strategically make use of empty space to include notifications, user's groups, and all groups [8 hours]
- IMPROVE DASHBOARD: Implement a design where dashboard ideally has two rows, displaying groups that the user is a part of and groups they can potentially join, pulling data from Firebase; horizontal scrolling cards with identifiers for each group [18 hours]
- *Total Hours for User Story 1: 28*

As a user, I want to be able to login and sign up for an account so that I can use the application
- LEARN ways to reject non-existing email domains [2 hours]
- IMPLEMENT/DEBUG: [2 hours]
- *Total Hours for User Story 2: 4*

As a user, I want a profile that I can edit so that I can have an identity in the groups
- READ: Display a static user profile (read user object from database) [3 hours]
- WRITE: Edit functionality to allow a user to write new information to profile in database [2 hours]
- *Total Hours for User Story 3: 5*

As a user, I want to be able to create/manage a group so that I can define our group's investment goals and have control over who joins my group
- READ: Display a static group (read group object from database) [3 hours]
- MODIFY PROJECTS: Modify all "projects"-related features to instead reflect group functionalities and display information about the group and members [5 hours]
- WRITE: Edit functionality to allow a group owner to write new information to database [2 hours]
- *Total Hours for User Story 4: 10*

As a user, I want to be able to join or leave a group of my choice
- GROUP PAGE: Clicking on any one group should link to another page with a complete group description and information on group members [4 hours]
- BUTTON LISTENER: Join Button/Leave Group button should be easy to access; clicking Join Button will create a Pending Join Request in Group Owner's Profile (can be structured as a queue of join requests) [4 hours]
- UPDATE: Once Join request is approved, new group is added to "Your Groups" row on user's dashboard [4 hours]
- *Total Hours for User Story 5: 12*

Team roles:
Sheryl: PO, developer

Viswesh: Developer
Phu: Developer
Adriel: SM, Developer
Shana: SM, Developer

Initial Task Assignment
Sheryl: Restructure the presentation of the dashboard
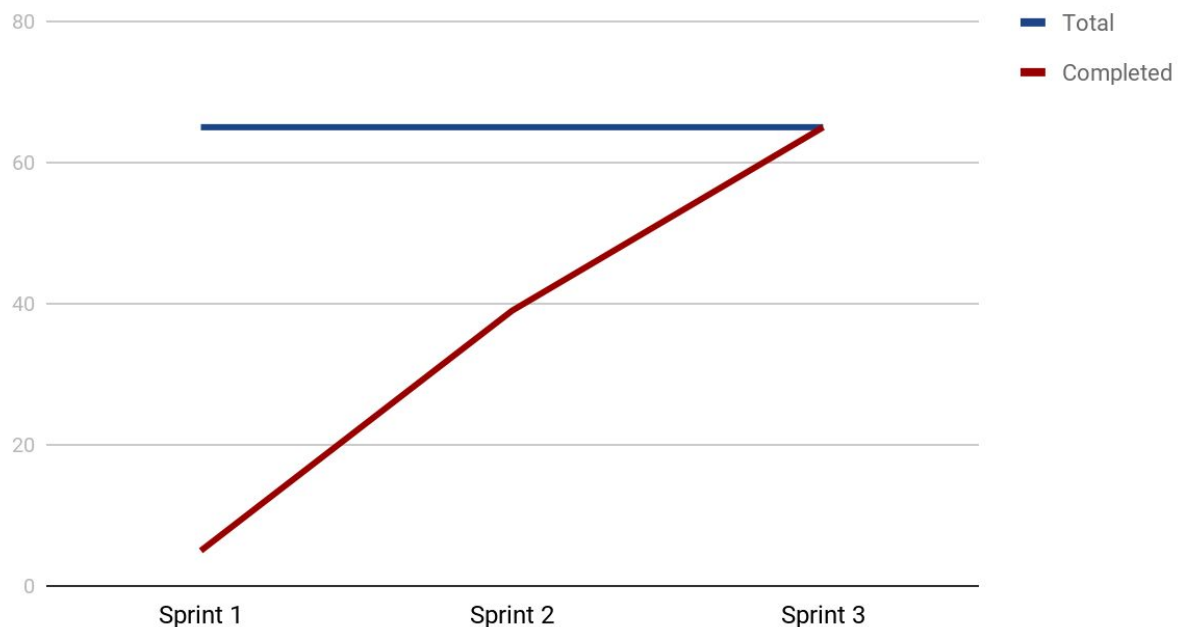Viswesh: Create functionality for group owner of adding and deleting members of a group
Phu: Create a sanity check that checks if an email domain exists or not.
Adriel: Create functionality/presentation for group owner of adding and deleting members of a group
Shana: Implementing static profile page, renaming buttons pertaining to their functionality

Initial burnup chart:

Points scored

Initial scrum board:
https://trello.com/b/ZSwoxost/sprint-3

Scrum times:
Monday: 1:00-1:30 **TA PRESENT**
Wednesday: 1:00-1:30 (via in-person or Discord)
Thursday: 1:00-1:45 **TA PRESENT**
Friday: TBD (via in-person or Discord)

Saturday: TBD (via in-person or Discord)