

System and Unit Test Report

Product Name: CrowdVest

Team Name: UCSC StockApp Group

Date: 7/23/2019

Sprint 1: As a user, I want to be able to create an account and login so that I can access a network of other mutually interested investors.

Scenario: CREATE ACCOUNT

- Step 1: User puts this URL in browser to go to CrowdVest webpage:
<https://crowdvest-84514.firebaseio.com/landing>
- Step 2: At the top is a Navigation bar, click on the text labeled 'Signup' which is located on the right side. User will be redirected to another page.
- Step 3: On this page the user will enter their information into the following fields with the correct corresponding information: Email, User Name, Password, First Name, and Last Name.

To complete the create account process, the user will press a pink button that has text 'Sign Up'.

Scenario: LOGIN

- Step 1: User puts this URL in browser to go to CrowdVest webpage:
<https://crowdvest-84514.firebaseio.com/landing>
- Step 2: At the top is a Navigation bar, click on the text labeled 'Login' which is located on the right side. User will be redirected to another page.
- Step 3: Assuming the user has an existing account, the user will enter their Email and Password they used when creating their account. Finally the user clicks the pink button labeled 'Login' and will be redirected.

Sprint 2: As a user, I want to be able to view a dashboard of group stock portfolio so that I can easily view investing groups.

Scenario: A prerequisite is that the user has created and logged into their CrowdVest account.

- Step 1: User views the Dashboard, on the left side are groups the user can easily view.

Sprint 2: As a user, I want a profile so that I can have an identity in the groups.

Scenario: A prerequisite is that the user has created and logged into their CrowdVest account. No steps required.

Sprint 3: 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.

Scenario: A prerequisite is that the user has created and logged into their CrowdVest account and is viewing the Dashboard.

- Step 1: At the top is a Navigation bar, click on the text labeled 'New Group' which is located on the right side. User will be redirected to another page.

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- Step 2: On this page the user will enter their information into the following fields with the correct corresponding information: Group Name, Group Strategy Information, Annualized Group Return Since Inception, Annualized SP500 Return Since Inception, and Group Beta Inception. Finally the user will click the pink button below the fields labeled, 'Create'.

Sprint 3: As a user, I want to be able to join a group of my choice.

Scenario: A prerequisite is that the user has created and logged into their CrowdVest account.

- Step 1: The user views the Dashboard that contains a list of Investment Group to potentially join.
- Step 2: The user clicks on whichever group they please to join and is redirected to that group's page.
- Step 3: The user clicks the button labeled, 'Request Join' and is added to that particular investment group.

Unit Testing

- Vish/Adriel/Phu/Shana: Manually entered data into database to verify that parameters were passed correctly
- Sheryl: Ensured that buttons were populating the correct fields
- Phu/Shana: Utilized console logging to ensure front end was passing correct variables
 - Console.log tests are commented out in pushed code to demonstrate where we implemented unit tests for specific features
- Vish: Conducted user trials with experienced software developers
- Team discipline: Each tested user interface to look for bugs before committing
- Sheryl: Ensured that front-end design scaled appropriately