University of California San Diego
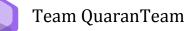# CSE 110 - Fall 2020

Test Cases

Philanthropy Connect
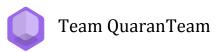
Team: **QuaranTeam**

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Legend

Priority

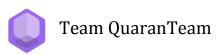|	
1	Must Have: Main features that make the application a minimum viable product
2	Should Have: Feature that would add useful functionality to the application
3	Nice to Have: Features that are not essential to the application's goal

Status

D: Dropped
NS: Not Started
IP: In Progress
C: Complete

Glossary

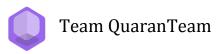|	
Users	The users of the application, including both organizations and individuals
Organizations	Users representing nonprofits, companies, or philanthropic groups
Individuals	Individual users of the app aiming to support a philanthropic cause
Cause	The philanthropic category that aligns with the organizations and their events. Causes could be general (health), specific (lung cancer), or religious (Christian).
Skills	These are skills that the individuals would have. Skills include knowing how to cook, knowing how to sew, knowing how to draw, knowing how to give speeches, and many more. These also include having resources such as time, money, or a car.

TC-1.1: Register

Priority	1 - Must Have
Status	Complete
Description	The user registers for their account by linking their Google or Facebook account.
User Goal	The user wants to register for an account to start using the application's features.
Desired Outcome	The user has a registered account.
Actor	The user, an individual or organization, of the application.
Dependent Test Cases	None.
Requirements	SR-1.1.
Pre-conditions	It is the user's first time using the app with desired login credentials.
Post-conditions	The system redirects the user to create their profile.
Trigger	The user wants to use the application and its personalized functions.
Workflow 1	1. The user shall go to the website (https://philanthropy-connect.yuu.dev/). 2. The system shall display the login screen. 3. The user shall verify they are at the correct login page by noticing the "Log In" title being displayed and the url being changed to https://philanthropy-connect.yuu.dev/login. 4. The user shall click **Continue with Google.** 5. The system shall display a pop-up that will ask for the user's google account credentials. 6. The user shall enter **marywhitepc@gmail.com** and then **garygang2020** as the password. 7. The system shall redirect the user to the "What Type of User Are You?" page. 8. The user shall verify they are at the correct select user page by noticing the url being changed to https://philanthropy-connect.yuu.dev/register. 9. The user shall select **Individual**.

	10. The system shall redirect the user the "Create Individual Profile" page.
Workflow 2	ORG profile registration 1. The user shall go to the website (https://philanthropy-connect.yuu.dev/). 2. The system shall display the login screen. 3. The user shall verify they are at the correct login page by noticing the "Log In" title being displayed and the url being changed to https://philanthropy-connect.yuu.dev/login. 4. The user shall click **Continue with Google.** 5. The system shall display a pop-up that will ask for the user's google account credentials. 6. The user shall enter **caringpaws2020@gmail.com** and then **garygang2020** as the password. 7. The system shall redirect the user to the "What Type of User Are You?" page. 8. The user shall verify they are at the correct select user page by noticing the url being changed to https://philanthropy-connect.yuu.dev/register. 9. The user shall select **Organization**. 10. The system shall redirect the user the "Create Organization Profile" page.
Workflow 3	LOGOUT/ decide not to register account 1. The user shall go to the website (https://philanthropy-connect.yuu.dev/). 2. The system shall display the login screen. 3. The user shall verify they are at the correct login page by noticing the "Log In" title being displayed and the url being changed to https://philanthropy-connect.yuu.dev/login. 4. The user shall click **Continue with Google.** 5. The system shall display a pop-up that will ask for the user's google account credentials. 6. The user shall enter **caringpaws2020@gmail.com** and then **garygang2020** as the password. 7. The system shall redirect the user to the "What Type of User Are You?" page. 8. The user shall verify they are at the correct select user page by noticing the url being changed to https://philanthropy-connect.yuu.dev/register. 9. The user shall select **Log out**. 10. The system shall redirect the user to the login screen.

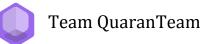|	
Expected Result	This test passes when: 1. **Workflow 1:** The user shall verify that they have registered their account by seeing a page with the title being "Create Individual Profile". 2. **Workflow 2:** The user shall verify that they have registered their account by seeing a page with the title being "Create Organization Profile". 3. **Workflow 3:** The user shall verify they are at the correct login page by noticing the "Log In" title being displayed and the url being changed to https://philanthropy-connect.yuu.dev/login.

TC-1.2: Create User Profile

Priority	1 - Must Have
Status	Complete
Description	The user sets up their profile.
User Goal	The user wants to create their profile.
Desired Outcome	The user fills in their information in their account profile.
Actor	The user, an individual or organization, of the application.
Dependent Test Cases	TC-1.1 Register
Requirements	SR-2.1
Pre-conditions	The user has successfully registered for an account and is redirected to the create user profile screen. Specific Workflow Pre-Conditions: • Workflow 1: Registered for Mary White's individual user account as specified by TC-1.1 Workflow 1. • Workflow 2: Registered for Caring Paws's organization user account as specified by TC-1.1 Workflow 2.
Post-conditions	The system saves the information associated with the user's account.
Trigger	The user wants to set up their profile.

Workflow 1	1. The user shall fill in their information in the fields they choose as described below:
	    a. First Name: **Mary**
	    b. Last Name: **White**
	    c. Zip: **92092**
	    d. Age: **18-30**
	    e. Skills: **Cooking, Medical Skills**
	 2. The user shall verify that the create button is not clickable.
	 3. The user shall enter the following information:
	    a. Causes: **Medical, Education**
	 4. The user shall click the "Create" button.
	 5. The system shall save the user's profile information.
	 6. The system shall direct the user to the "Home Page"

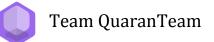|	

Workflow 2	1. The user shall fill in their information in the fields they choose:
	    a. Title: **Caring Paws**
	    b. Mission: **Helping**
	    c. ZIP: **92092**
	    d. Contact: **8001234567**
	    e. Causes: **Animals, Medical, Food**
	2. The system shall not allow the profile to be created
	3. The user shall enter the following information:
	    a. URL: **www.caringpaws.org**
	    b. The user shall click the "Create" button.
	4. The system shall save the user's profile information.
	5. The system shall direct the user to the "Home Page".

Expected Result	This test passes when: 1. **Workflow 1**: The user shall verify that they have created a profile by verifying that they are on the Home page, see a pop-up message "Success Profile created", see the profile information they entered displayed on the left half of the screen, and Mary White's profile picture displayed on the top right hand corner of the page. 2. **Workflow 2**: The user shall verify that they have created a profile by verifying that they are on the Home page, see a pop-up message "Success Profile created", see the profile information they entered displayed on the left half of the screen, and Caring Paws' profile picture displayed on the top right hand corner of the page.

TC-1.3: Edit User Profile

Priority	1 - Must Have
Status	Complete
Description	The user edits their profile.
User Goal	The user wants to edit their profile.
Desired Outcome	The user updates their information in their profile.
Actor	The user, an individual or organization, of the application.
Dependent Test Cases	TC-1.1 Register, TC-1.2 Create User Profile, TC-1.5 Login
Requirements	SR-2.1
Pre-conditions	The user is on the Home page. Specific Workflow Pre-Conditions: ● <u>Main Workflow, Workflow 1, Workflow 4</u>: Create Profile for Mary White's individual user account as specified by TC-1.2 Workflow 1. ● <u>Workflow 2, Workflow 3, Workflow 5</u>: Create Profile for Caring Paws's organization user account as specified by TC-1.2 Workflow 2.
Post-conditions	The system stores the user's updated profile information.
Trigger	The user wants to edit the information in their profile.
Main Workflow (Individual user)	1. The user shall click on the "Edit" button. 2. The system shall redirect the user to the Profile page. 3. The user shall change their profile information, such that **Education** is removed from the existing causes. 4. The user shall click **"Save"** at the bottom of the screen. 5. The system shall store the user's updated profile information. 6. The system shall redirect the user to the home page.
Alternate Workflow 1 (Individual user)	1. The user shall click on the "Profile" button. 2. Main workflow steps 2-6.
Alternate Workflow 2 (Organization user)	1. Main workflow steps 1. 2. The system shall redirect the user to the Profile page.

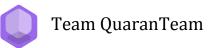|	

	3. The user shall change their profile fields to the following information:
	   a. Zip: **54321**
	   b. Contact: **123@gmail.com**
	   c. Causes: *remove* **Education**
	4. Main workflow steps 4-6.

Alternate Workflow 3 (Organization user)	3. The user shall click on the "Profile" button. 4. Alternate Workflow 2 steps 2 -6.
Alternate Workflow 4 (Individual user)	The individual user provides invalid input. 1. Main workflow steps 1 - 2. 2. The user shall enter **"999999"** for their ZIP. 3. The system shall detect invalid fields and display an error message stating there is invalid fields. 4. The user shall rectify the invalid fields by typing in **"92092"** for their ZIP. 5. Main workflow steps 4 - 6.
Alternate Workflow 5 (Organization user)	The organization user provides invalid input. 1. Alternate Workflow 3 steps 1-6.
Expected Result	**All workflows**: The user shall verify that the changes were made by checking that the updates to the profile are visible on the left side of the page of the home page.

TC-1.4: Logout

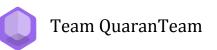|	
Priority	1 - Must Have
Status	Complete
Description	The user logs out of their account.
User Goal	The user wants to log out of their account.
Desired Outcome	The user is logged out of their account.
Actor	The user, an individual or organization, of the application.
Dependent Test Cases	TC-1.1 Register, TC-1.2 Create User Profile, TC-1.5 Login
Requirements	SR-1.3
Pre-conditions	The user, either an individual or an organization, is logged in to their account and is on the home page.
Post-conditions	The system returns the user back to the login page.
Trigger	The user wants to log out of their account.
Workflow	1. The user shall click on the **Log out** button. 2. The system shall redirect the user back to the "login" page.
Expected Result	The user shall verify they are at the login page by noticing the "Log In" title being displayed and the url being changed to https://philanthropy-connect.yuu.dev/login.

TC-1.5: Login

Priority	1 - Must Have
Status	Complete
Description	The user logs into their account using their registered account.
User Goal	The user wants to login to their account to start using the application's features.
Desired Outcome	The user is logged into their account.
Actor	The user, an individual or organization, of the application.
Dependent Test Cases	TC-1.1 Register, TC-1.2 Create User Profile, TC-1.4 Logout
Requirements	SR-1.2
Pre-conditions	Specific Workflow Pre-Conditions: ● Main Workflow, Workflow 1, Workflow 4: Create Profile for Mary White's individual user account as specified by TC-1.2 Workflow 1. ● Workflow 2, Workflow 3, Workflow 5: Create Profile for Caring Paws's organization user account as specified by TC-1.2 Workflow 2.
Post-conditions	The system displays the login screen.
Trigger	The user wants to use the application and its personalized functions.
Workflow	1. The user shall go to the website (https://philanthropy-connect.yuu.dev/). 2. The system shall display the login screen. 3. The user shall verify they are at the correct login page by noticing the "Log In" title being displayed and the url being changed to https://philanthropy-connect.yuu.dev/login. 4. The user shall click **Continue with Google.** 5. The system shall display a pop-up that will ask for the user's google account credentials. 6. The user shall enter **marywhitepc@gmail.com** and then **garygang2020** as the password. 7. The system shall direct the user to the "Home Page"

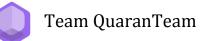|	
Alternate Workflow	1. The user shall go to the website (https://philanthropy-connect.yuu.dev/). 2. The system shall display the login screen. 3. The user shall verify they are at the correct login page by noticing the "Log In" title being displayed and the url being changed to https://philanthropy-connect.yuu.dev/login. 4. The user shall click **Continue with Google.** 5. The system shall display a pop-up that will ask for the user's google account credentials. 6. The user shall enter **caringpaws2020@gmail.com** and then **garygang2020** as the password. 7. The system shall direct the user to the "Home Page"
Expected Result	**All Workflows:** The user shall verify that they have logged in by seeing their profile information on the left half of the screen and their profile picture displayed on the top right hand corner of the page.

TC-1.6: Continue as Guest

Priority	3 - Nice to Have
Status	Dropped
Description	The user wants to continue as a guest to use the application.
User Goal	The user wants to continue as a guest to use parts of the application's functionality.
Desired Outcome	The individual is able to use applications and functions without signing in.
Actor	The individual user of the application.
Dependent Test Cases	None
Requirements	SR-1.4
Pre-conditions	None.
Post-conditions	The system redirects the user to the home page.
Trigger	The individual wants to use the application and functions without signing in.
Workflow	1. The individual shall click on the "Continue as Guest" button. 2. The system shall display the guest home page.
Expected Result	This test passes when the user sees the landing page.

TC-2.1: Filter Organizations by Cause

Priority	1 - Must Have
Status	Complete
Description	The individual filters their exploration for organizations by cause.
User Goal	The individual wants to filter their exploration for the organizations using cause.
Desired Outcome	The individual specifies filters for finding organizations and the search results display organizations that match the selected filters.
Actor	The individual user of the application.
Dependent Test Cases	TC-1.1 Register, TC-1.5 Login, TC-1.2 Create User Profile, TC-2.3: View Organization's Information
Requirements	SR-3.1
Pre-conditions	Create Profile for Mary White's individual user account as specified by TC-1.2 Workflow 1.
Post-conditions	The system displays an updated list according to the filtered query.
Trigger	The individual wants to specify their exploration for organizations.
Main Workflow	1. The user shall click the **Find Org** button on the navigation bar. 2. The user shall click on the **Causes** button. 3. The system shall display the user's causes in the selection bar that pops up. 4. The user shall select **Confirm**. 5. The system shall display a list of organizations based on the filter selections.
Alternate Workflow 1	1. The individual shall click on the **Causes** button. 2. The system shall display a pop-up with filter options to choose from.

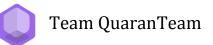|	
	3. The individual shall select the **"drop down bar"** and select **"Homelessness"**. 4. The user shall click **"Confirm"**.
Alternate Workflow 2	1. The individual shall click on the **"Causes" button**. 2. The system shall display a pop-up with filter options to choose from. 3. The individual shall click the "x" on the far right of the filter bar to drop all of the chosen causes. 4. The user shall click **"Confirm"**. 5. The system shall display nothing.
Expected Results	1. The test for the **Main Workflow** passes when the user clicks on every single organization card and verifies that it has **"Medical"** and/or **"Education"** as their causes. 2. The test for the **Alternate Workflow 1** passes when the user clicks on every single organization card and verify that it has one or more of "**Medical", "Education", and "Homelessness"** as part of their causes. 3. The test for **Alternate Workflow 2** passes when the user sees no search results.

TC-2.2: Filter Organizations by Distance

Priority	1 - Must Have
Status	Complete
Description	The individual filters their exploration for organizations based on the distance between themself and the organizations.
User Goal	The individual wants to filter their exploration for the organizations based on the distance between themself and the organizations.
Desired Outcome	The application shows organization
Actor	The individual user of the application.
Dependent Test Cases	TC-1.1 Register, TC-1.5 Login, TC-1.2 Create User Profile, TC-2.3: View Organization's Information
Requirements	SR-3.2, SR-3.3
Pre-conditions	Create Profile for Mary White's individual user account as specified by TC-1.2 Workflow 1. The user has logged in and made their way to the "Find Org" page, using the Nav Bar.
Post-conditions	The system displays an updated list according to the filtered query.
Trigger	The individual wants to narrow their exploration for organizations.
Main Workflow	1. The individual shall click on the "**within 100 km**" icon. 2. The system shall display a Distance selector pop-up. 3. The individual shall click **"Confirm".** 4. The system shall display a list of organizations that are within 100 km from the user's location. 5. The individual shall use https://www.zip-codes.com/distance_calculator.asp to compute the distance between their zip code and the organization's zip. 6. The individual shall verify the distance is within 100 km.

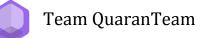|	
Alternate Workflow 1	1. The individual shall click on the "**within 100 km**" icon. 2. The system shall display a Distance selector pop-up. 3. The user shall move the slider to represent **50 km**. 4. The individual shall click **"Confirm".** 5. The system shall display a list of organizations that are within 50 km from the user's location. 6. The individual shall use https://www.zip-codes.com/distance_calculator.asp to compute the distance between their zip code and the organization's zip. 7. The individual shall verify the distance is within 50 km.
Alternate Workflow 2	1. The individual shall click on the "**within 500 km**" icon. 2. The system shall display a Distance selector pop-up. 3. The user shall move the slider to represent **500 km**. 4. The individual shall click **"Confirm".** 5. The system shall display a list of organizations that are within 500 km from the user's location. 6. The individual shall use https://www.zip-codes.com/distance_calculator.asp to compute the distance between their zip code and the organization's zip. 7. The individual shall verify the distance is within 500 km.
Expected Results	1. The test passes for the **Main Workflow** when the system only displays organizations that are within 100 km. 2. The test passes for the **Alternate Workflow 1** when the system only displays organizations that are within 50 km. 3. The test passes for the **Alternate Workflow 2** when the system only displays organizations that are within 500 km.

TC-2.3: View Organization's Information

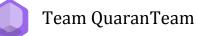|	
Priority	1 - Must Have
Status	Complete
Description	The individual user gets information for the desired organization.
User Goal	The individual user receives information about the organization.
Desired Outcome	The individual user is able to view information about the organization.
Actor	The individual user of the application.
Dependent Test Cases	TC-1.1 Register, TC-1.2 Create User Profile, TC-1.5 Login, TC-2.1 Filter Organizations by Cause, TC-2.2 Filter Organizations by Distance
Requirements	SR-5.1
Pre-conditions	Create Profile for Mary White's individual user account as specified by TC-1.2 Workflow 1. The user has logged in and made their way to the "Find Org" page, using the Nav Bar. They have used Find Org to explore for organizations (see TC-2.1 / TC-2.2).
Post-conditions	The system displays the information of the organization for the individual to take reference of.
Trigger	The individual user wants to learn more about the organization.
Workflow	1. The user shall press the first organization card. 2. The system shall display the title, mission, contact, website, zip, causes of that organization and events. (Events can be empty if the organization has not made any).
Expected Result	The test passes when the user sees the title, mission, contact, website, zip, causes of that organization and events. (Events can be empty if the organization has not made any).

TC-2.4: Filter Events by Skills

Priority	1 - Must Have
Status	Complete
Description	The individual filters their exploration for events by skills.
User Goal	The individual wants to filter their exploration for the events using skills.
Desired Outcome	The individual specifies filters for finding events and the search results display events that match the selected filters.
Actor	The individual user of the application.
Dependent Test Cases	TC-1.1 Register, TC-1.5 Login, TC-1.2 Create User Profile, TC-2.6: View Event's Information
Requirements	SR-3.1
Pre-conditions	Create Profile for Mary White's individual user account as specified by TC-1.2 Workflow 1. The user has logged in and is on the home page.
Post-conditions	The system displays an updated list according to the filtered query.
Trigger	The individual wants to specify their exploration for organizations.
Main Workflow	1. The user shall click "Find Event" on the navigation bar. 2. The user shall click on the **"Skills" button**. 3. The system shall display the user's skills in the selection bar. 4. The user shall select **"Confirm"**. 5. The system shall display a list of events based on the filter selections.
Alternate Workflow 1	1. The individual shall click on the **"Events" button**. 2. The system shall display a pop-up with filter options to choose from. 3. The individual shall select the **"drop down bar"** and add **"Programming"** to the Skills Filter.

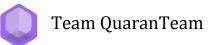|	
	4. The user shall click **"Confirm"**.
Alternate Workflow 2	1. The individual shall click on the **"Events" button**. 2. The system shall display a pop-up with filter options to choose from. 3. The individual shall click the "x" on the far right of the filter bar to drop all of the chosen skills. 4. The user shall click **"Confirm"**. 5. The system shall display nothing.
Expected Results	1. The test for the **Main Workflow** passes when the user clicks on every single event card and verifies that it has **"Cooking"** and/or **"Medical Skills"** included in the skills section. 2. The test for the **Alternate Workflow 1** passes when the user clicks on every single event card and verifies that it has **"Programming"** included in the skills section. 3. The test for **Alternate Workflow 2** passes when the user sees no search results.

TC-2.5: Filter Events by Distance

Priority	1 - Must Have
Status	Complete
Description	The individual filters their exploration for events based on the distance between themselves and the locations of the events.
User Goal	The individual wants to filter their exploration for the events based on the distance between themself and the events.
Desired Outcome	The application shows events based on the distances between the events and the user.
Actor	The individual user of the application.
Dependent Test Cases	TC-1.1 Register, TC-1.5 Login, TC-1.2 Create User Profile, TC-2.6: View Event's Information
Requirements	SR-3.2, SR-3.3
Pre-conditions	Create Profile for Mary White's individual user account as specified by TC-1.2 Workflow 1. The user has logged in and is on the "Find Event" explore page.
Post-conditions	The system displays an updated list of events according to the filtered query.
Trigger	The individual wants to narrow their exploration for events.
Main Workflow	1. The individual shall click on the "**within 100 km**" icon. 2. The system shall display a Distance selector pop-up. 3. The individual shall click **"confirm".** 4. The system shall display a list of events that are within 100 km from the user's location. 5. The individual shall use https://www.zip-codes.com/distance_calculator.asp to compute the distance between their zip code and the event's zip. 6. The individual shall verify the distance is within 100 km.

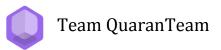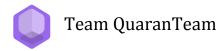|	
Alternate Workflow 1	1. The individual shall click on the "**within 100 km**" icon. 2. The system shall display a Distance selector pop-up. 3. The user shall move the slider to select **50 km.** 4. The individual shall click **"Confirm".** 5. The system shall display a list of events that are within 100 km from the user's location. 6. The individual shall use https://www.zip-codes.com/distance_calculator.asp to compute the distance between their zip code and the event's zip. 7. The individual shall verify the distance is within 100 km.
Alternate Workflow 2	1. The individual shall click on the "**within 50 km**" icon. 2. The system shall display a Distance selector pop-up. 3. The user shall move the slider to select **500 km**. 4. The individual shall click **"Confirm".** 5. The system shall display a list of events that are within 500 km from the user's location. 6. The individual shall use https://www.zip-codes.com/distance_calculator.asp to compute the distance between their zip code and the event's zip. 7. The individual shall verify the distance is within 500 km.
Expected Results	1. The test passes for the **Main Workflow** when the system only displays events that are within 100 km. 2. The test passes for the **Alternate Workflow 1** when the system only displays events that are within 50 km. 3. The test passes for the **Alternate Workflow 2** when the system only displays events that are within 500 km.

TC-2.6: View Event's Information

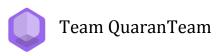|	
Priority	1 - Must Have
Status	Complete
Description	The individual user gets information for the desired event.
User Goal	The individual user receives information about the event.
Desired Outcome	The individual user is able to view information about the event.
Actor	The individual user of the application.
Dependent Test Cases	TC-1.1 Register, TC-1.5 Login, TC-1.2 Create User Profile, TC-2.4 Filter Events by Skills, TC-2.5 Filter Events by Distance
Requirements	SR-5.1
Pre-conditions	Create Profile for Mary White's individual user account as specified by TC-1.2 Workflow 1. The user has logged in and made their way to the "Find Event" page, using the Nav Bar. They have used Find Event to explore for events (see TC-2.4 / TC-2.5).
Post-conditions	The system displays the information of the event for the individual to take reference of.
Trigger	The individual user wants to learn more about the event.
Workflow	1. The user shall press the first event card. 2. The system shall display the title, date, zip, details, skills, and organization.
Expected Result	The test passes when the user sees title, date, zip, details, skills, and organization.

TC-2.7: Follow Organization

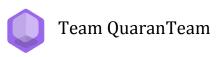|	
Priority	1 - Must Have
Status	Complete
Description	The individual user follows the selected organization.
User Goal	The individual user wants to follow an organization to get updated about that organization's events on their "Event Feed".
Desired Outcome	The system shows a followed organization's events on the "Events Feed".
Actor	The individual user of the application.
Dependent Test Cases	TC-1.1 Register, TC-1.5 Login, TC-1.2 Create User Profile, TC-2.1 Filter Organizations by Cause, TC-2.2 Filter Organizations by Distance
Requirements	SR-5.2.i, SR-5.2.ii
Pre-conditions	The user is logged into "Vivian Andrews" account (viviandrew2020@gmail.com; password: garygang2020) and on the "Find Org" page. The user is logged into the "Green Homes" on another computer and on the home page (greenhomepersona@gmail.com; password:garygang2020)
Post-conditions	The system shows a followed organization's events on the "Events Feed".
Trigger	The individual wants to show a followed organization's events on their "Events Feed".
Workflow	1. The user shall verify that "Green Homes" has 0 followers on the profile information shown on the left part of the "Home" page. 2. The user shall use the "Vivian Andrews" account to press the circular "+" found on the bottom right of the "Green Homes" organization card to follow "Green Homes" from the "Find Org" page. 3. The user shall observe the "+" change to a "✓".

	4. The system shall display a pop-up message stating the organization as followed.
	5. The user shall refresh the "Green Homes" account and see that the follower count has gone up by 1.
	6. The user shall go to the "Vivian Andrews" account home page and see "Green Homes" events being added to their news feed.
Expected Result	The "Green Homes" account has the follower count has gone up by 1. The "Vivian Andrews" account's news feed shows "Green Homes" events.

TC-2.8: Unfollow Organization

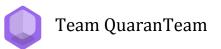|	
Priority	1 - Must Have
Status	Complete
Description	The individual user unfollows an organization.
User Goal	The user wants to unfollow when they do not want to see any particular organization's events anymore.
Desired Outcome	The system will stop showing the events of organizations that the user follows on their Home feed.
Actor	The individual user of the application.
Dependent Test Cases	TC-1.1 Register, TC-1.5 Login, TC-1.2 Create User Profile, TC-2.3 View Organization Profile, TC-2.7 Follow Organization
Requirements	SR-5.2.i, SR-5.2.ii
Pre-conditions	The user is logged into "Vivian Andrews" account (viviandrew2020@gmail.com; password: garygang2020) and on the "Find Org" page. The user is logged into the "Green Homes" on another computer and on the home page (greenhomepersona@gmail.com; password:garygang2020) Follow Organization Test (TC-2.7) must be complete before running this test.
Post-conditions	The system doesn't flag the specific organization as being followed by the user
Trigger	The individual wants to see the organization's future opportunities.
Main Workflow	1. The user shall verify that "Green Homes" has 1 follower on the profile information shown on the left part of the "Home" page. 2. The user shall use the "Vivian Andrews" account to press the circular "✓" found on the bottom right of the "Green Homes" organization card to follow "Green Homes" from the "Find Org" page. 3. The user shall observe the "✓" change to a "+".

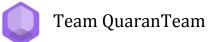|	
	4. The system shall display a pop-up message stating the organization as unfollowed. 5. The user shall refresh the "Green Homes" account and see that the follower count has gone down by 1. 6. The user shall go to the "Vivian Andrews" account home page and see "Green Homes" events no longer on their news feed.
Expected Result	The "Green Homes" account has the follower count has gone down by 1. The "Vivian Andrews" account's news feed no longer shows "Green Homes" events.

TC-3.1: Create Event (Organization)

Priority	1 - Must Have
Status	Complete
Description	The organization user makes a post about a specific event, where volunteers are needed for specific tasks.
User Goal	The organization user wants to make their events public and visible to volunteers.
Desired Outcome	The organization user has made a post about an upcoming event with its details.
Actor	The organization user of the application.
Dependent Test Cases	TC-1.1 Register, TC-1.5 Login, TC-1.2 Create User Profile
Requirements	SR-4.1
Pre-conditions	The organization user has downloaded the application, opened it, and logged in.
Post-conditions	The system stores and displays the organization user's event on the organization user's feed.
Trigger	The organization user wishes to share information about their upcoming event on the app.

Main Workflow	1. The organization user shall click on the **"Post"** button.
	2. The system shall display the **"Create Event"** page.
	3. The organization user shall enter the following required fields:
	    a. "**Beach Cleanup**" for "Title"
	    b. "**Flex your green thumb with fellow environmentalists!**" for "Details"
	    c. "**92092**" for "Zip"
	    d. **"Photography"** for Skills
	    e. "**01/01/2021**" for "Date"
	    f. "**1:00 PM**" for "Time"
	4. The organization user shall then click **"Create"**.
	5. The system shall save the event's information, and display the post on the organization user's feed.

Alternate Workflow 1	**The organization user does not complete the required fields of the post.**
	1. Main workflow steps 1 - 2.
	2. The organization user shall enter the following fields:
	    a. "**Beach Cleanup**" for "Title"
	    b. "**Flex your green thumb with fellow environmentalists!**" for "Details"
	    c. "**01/01/2021**" for "Date"
	    d. "**1:00 PM**" for "Time"
	3. The system shall display a message that says "Zip is not allowed to be empty".
	4. The system shall clear the message after a brief period of time.
	5. Main workflow steps 3 - 5.

Expected Result	The test passes for the main workflow and alternate workflow if the organization user can view their post on their feed.

TC-3.2: Edit Event

Priority	1 - Must Have
Status	Complete
Description	The organization user edits an event that they have posted.
User Goal	The organization user wants to make changes to an existing event post.
Desired Outcome	The organization user has made the changes they wish to the event post.
Actor	The organization user of the application.
Dependent Test Cases	TC-1.1 Register, TC-1.5 Login, TC-1.2 Create User Profile, TC-3.1: Create Event (Organization)
Requirements	SR-4.2
Pre-conditions	The organization user and individual user have downloaded the application, opened it, and has logged in. The individual user is following the organization user. The organization user has already created the event from TC-4.1 with the following fields: ● "**Beach Cleanup**" for "Title" ● "**Flex your green thumb with fellow environmentalists!**" for "Details" ● "**92092**" for "Zip" ● "**01/01/2021**" for "Date" ● "**1:00 PM**" for "Time" The organization user is viewing their Home feed.
Post-conditions	The system displays the updated organization's event post on an individual's news feed.
Trigger	The organization user wants to change something in an existing event post they have made.
Workflow	1. The organization user shall click the **"Edit/Delete" button** on the **"Beach Cleanup" post** . 2. The system shall display the **"Edit Event"** page. 3. The organization user shall change the time in the "Time" field to "**2:00 PM**". 4. The organization user shall then click **"Save"**.

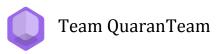|	
	5. The system shall save the event's information and store the event into the database, and display the post on the organization user's feed.
Alternate Workflow 1	**The organization user does not complete the required fields of the post.** 1. Main workflow steps 1 - 2. 2. The organization user shall delete the text in the "ZIP" field and click "Save". 3. The system shall warn the organization user that they have not filled out all the required fields. 4. The system shall clear the message after a brief period of time. 5. The user shall click the **"X"** button to abandon the edit.
Expected Result	1. The test passes for the **Main Workflow** if the organization user can view the updated event with the updated time mentioned in Workflow Step3 on their Home feed. 2. The test passes for the **Alternate Workflow** if the organization user can view the updated event with updated information on their Home feed.

TC-3.3: Delete Event

Priority	1 - Must Have
Status	Complete
Description	The organization user deletes an event post that they have posted.
User Goal	The organization user wants to delete an existing event post.
Desired Outcome	The organization user has deleted the event post.
Actor	The organization user of the application.
Dependent Test Cases	TC-1.1 Register, TC-1.5 Login, TC-1.2 Create User Profile, TC-3.1: Create Event
Requirements	SR-4.3
Pre-conditions	The organization user has logged into an organization profile of the application and had previously posted at least one event. The organization user is viewing their news feed.
Post-conditions	The system deletes the post from the organization's news feed.
Trigger	The organization user wants to delete a post they have made.
Main Workflow	1. The organization user shall select the **Beach Cleanup post** from TC-4.1 and click the **Edit/Delete** button. 2. The system shall render the popup for editing or deleting the post. 3. The user shall click the **Delete** button. 4. The system shall delete the post's information, remove the post from all feeds, and display a confirmation message about the deletion of that post. 5. The system shall redirect the organization user to their Home feed.
Alternate Workflow	The organization user decides to not delete the post.

	1. Main workflow 1 - 2. 2. The organization user shall click the **X** button on the top right of the card. 3. The system shall redirect the organization user to Home feed.
Expected Result	1. The test for Main Workflow passes when the organization user does not see the post that they deleted anymore on their Home feed. 2. The test for Alternate Workflow passes when the organization user is able to find the post that they canceled deleting.

TC-3.4: Follower Statistics

Priority	1 - Must Have
Status	Complete
Description	The organization user shall look at the age distribution of their followers.
User Goal	The organization user wants to look at the age distribution of their followers.
Desired Outcome	The organization user is able to look at the age distribution of their followers.
Actor	The organization user of the application.
Dependent Test Cases	TC-1.1 Register, TC-1.5 Login, TC-1.2 Create User Profile
Requirements	SR-4.3
Pre-conditions	Create Profile for Mary White's individual user account as specified by TC-1.2 Workflow 1. Create Profile for Caring Paws's organization user account as specified by TC-1.2 Workflow 2.
Post-conditions	The system shows the organization user the age distribution of their followers.
Trigger	The organization user wants to check the age distribution of their followers.
Main Workflow	1. The user shall login as "Caring Paws" on the first computer based on TC 1.5. 2. The user shall click on the **show distribution** on their profile. 3. The user should have no followers. 4. The user shall press the **X** to exit the pop-up. 5. The user shall login as "Mary White" on the second computer based on TC 1.5. 6. The user shall use the "Mary White" account to follow the organization they created as done in TC-2.7. 7. The user shall refresh the "Caring Paws" home page.

	8. The user shall click on the **show distribution** on the "Caring Paws" profile.
Expected Result	This test passes when the user sees that the age distribution has changed to include the additional follower.