TestLink Community [configure $tlCfg->document_generator->company_name]

TestLink

Test Plan Design Report

Test Project: Quarks
Test Plan: Test Plan : Release 0.1

Printed by TestLink on 23/05/2017

Table Of Contents

Test Plan: Test Plan : Release 0.1

Test Plan for release 0.1.

1.1.Test Suite : NGO Module

This test suite contains test cases for module related to NGO.

1.1.1.Test Suite : Manage Profile

Test Case Quarks-13: Manage Profile-3		
Author:	Quarks	
Summary:		
This test case is to check Manage Profile functionality.		
Preconditions:		
1. The NGO representative's phone must be connected with the internet. 2. The NGO must be registered with the system and the representative must be logged in. 3. NGO representative is on the home screen of Vitaran app.		
#:	Step actions:	Expected Results:
1	Click on "Manage Profile"	System renders Manage Profile page.
2	Select an item = "Other" from the dropdown menu.	Enter item name textbox becomes editable.
6	Click Add item button.	An error is shown indicating the following : • New item name must be entered. • "Quantity" must be entered.
Execution type:	Manual	
Estimated exec. duration (min):		
Priority:	Medium	
Requirements	1.1: Manage Profile	
Keywords:	None	

Test Case Quarks-12: Manage Profile-2		
Author:	Quarks	
Summary:		
This test case is to check Manage Profile functionality.		
Preconditions:		
1. The NGO representative's phone must be connected with the internet. 2. The NGO must be registered with the system and the representative must be logged in. 3. NGO representative is on the home screen of Vitaran app.		
#:	Step actions:	Expected Results:
1	Click on "Manage Profile".	System renders Manage Profile page.
2	Select "Other" from item name dropdown.	"Enter item name" textbox becomes editable and 'Add' button becomes active.
3	Enter item name = "Pencil" and press Add button.	Pencil is added to the item name dropdown.
4	Select item name = "Pencil" from item name dropdown.	System accepts the selected item name.
5	Enter the minimum quantity = 300 and select unit = "nos" from unit dropdown.	System accepts the quantity entered along with the unit.
6	Enter category = "Stationary"name in the category textbox and click "Add" button.	System adds Staionary to category dropdown.
7	Select category = "Stationary" from dropdown.	System accepts the category chosen.
8	Click Add item button.	The item is recorded in the database.
Execution type:	Manual	
Estimated exec. duration (min):		
Priority:	Medium	

Requirements	1.1: Manage Profile
Keywords:	None

Test Case Quarks-2: Manage Profile-1

Author:	Quarks

Summary:

This test case is to check Manage Profile functionality.

Preconditions:

1. The NGO representative's phone must be connected with the internet.
2. The NGO must be registered with the system and the representative must be logged in.
3. NGO representative is on the home screen of Vitaran app.

#:	Step actions:	Expected Results:
1	Click on "Manage Profile"	System renders Manage Profile page.
2	Select item = Rice	The system records the item name (Rice) selected. The add new item textbox is uneditable.
3	Enter quantity = 150 and select unit = "kg" from unit dropdown.	System accepts the quantity(150) entered along with the unit("kg").
4	Select category = "Food" from the category dropdown.	System accepts the category chosen("Food").
5	Click Add item button.	The item is recorded in the database.
Execution type:	Manual	
Estimated exec. duration (min):		
Priority:	Medium	
Requirements	1.1: Manage Profile	
Keywords:	None	

Test Case Quarks-31: Manage Profile-4

Author:	Quarks

#:	Step actions:	Expected Results:
1	Click on Manage Profile.	System renders Manage Profile Page.
2	Select item = "Rice", quantity="abc", unit = "kg" and Tag = "Food" and then select Add Item.	System shows an error as quantity must be a numeric value.
Execution type:	Manual	
Estimated exec. duration (min):		
Priority:	Medium	
Requirements	1.1: Manage Profile	
Keywords:	None	

1.2.Test Suite : Donor Module

This test suite contains test cases related to modules related to the Donor.

1.2.1.Test Suite : Register

Test Case Quarks-29: Register-2		
Author:	Quarks	
Summary:		
This test case checks the Register functionality for donors.		
Preconditions:		
1. The Vitaran app is installed on prospective donor's phone. 2. The phone is connected to the internet.		
#:	**Step actions:**	**Expected Results:**
2	Click on register.	System shows an error as none of the fields are filled.
3	Enter "Pooja Ganguly" in the name textbox.	System accepts entered name.
4	Enter email = "poojaganguly123gmail.com" in "Email ID" textbox.	System shows an error for invalid email format.
5	Enter email = "poojaganguly123@gmail.com"	System accepts entered Email.
6	Enter Address = "206 bus stop, salt lake, kolkata"	System accepts the entered location.
7	Enter mobile number = 923470 in "Contact" textbox.	System shows an error for invalid mobile number format.
8	Enter mobile number = 8982238951 in "Contact" textbox.	System accepts entered mobile number.
9	Click on register.	System shows an error as password and confirm password not filled.
10	Enter "12345" in password and "45687" in confirm password and click register.	System shows an error as passwords dont match each other.
11	Enter "12345" in both password and confirm password fields and then click register.	System adds user to database.
Execution type:	Manual	
Estimated exec. duration (min):		
Priority:	Medium	
Requirements	2.1: Register	
Keywords:	None	

Test Case Quarks-6: Register-1		
Author:	Quarks	
Summary:		
This test case checks the Register functionality for donors.		
Preconditions:		
1. The Vitaran app is installed on prospective donor's phone. 2. The phone is connected to the internet.		
#:	**Step actions:**	**Expected Results:**
2	Enter the name = "Bhaskar Tejaswi" in "name" textbox.	System accepts the entered name.
3	Enter email = "bhaskartejaswi123@gmail.com" in "Email ID" textbox.	System accepts the email ID.
4	Click on location icon to fetch current location.	System provides the current location.
5	Enter mobile number = 9234703302 in "Contact" textbox.	System accepts the entered mobile number.
6	Enters password = 12345 and re-enter same password to confirm.	System accepts both the inputs.
7	Select register button.	New donor is added to the system.

Execution type:	Manual
Estimated exec. duration (min):	
Priority:	Medium
Requirements	2.1: Register
Keywords:	None

Test Case Quarks-33: Register-3

Author:	Quarks

Summary:

This test case checks whether redundancy check has been applied on email ID or not, during registration.

Preconditions:

1. The Vitaran Donor's app is installed on prospective donor's phone.

2. The phone must be connected to the internet.

3. abc@gmail.com is an email ID of an donor already registered with the system.

#:	Step actions:	Expected Results:
1	Enter name = "abc".	System accepts entered name.
2	Enter contact number = "9988774462".	System accepts mobile number.
3	Enter email ID = abc@gmail.com	System records email ID.
4	Enter location = "CK Market, Salt Lake, Kolkata"	System records entered address.
5	Enter password = 12345 and re-enter password 12345	System records entered password.
6	Click on register.	System shows an error as email ID is already being used by another user.
Execution type:	Manual	
Estimated exec. duration (min):		
Priority:	Medium	
Requirements	2.1: Register	
Keywords:	None	

1.3.Test Suite : Collection Unit Module

This test suite contains test cases for modules related to collection unit.

1.3.1.Test Suite : View Collection Assignment

Test Case Quarks-4: View Collection Assignment	
Author:	Quarks
Summary:	
The test case is to check the view collection assignment functionality of the Vitaran Application for Collection Unit.	
Preconditions:	
1. Collection Unit's must be connected with the internet. 2. Collection Unit is logged into the application and gets a notification from the system about a collection assignment.	

#:	Step actions:	Expected Results:
1	Open the Collection Unit App.	System opens Vitaran app. The list of donors is populated with list of donors. There are three buttons : Update Successful Pickup, Click to see Map, Checkout.
2	Select a donor = " 2 Ashish" from list of donors.	System displays the text in the format- "Selected Donor : 2 Ashish" on the screen.
3	Select "Click to see Map".	A Map opens and the system puts red location pins for all the donors on the Map.
4	Zoom in to the marked location near College More,Sector 5, Salt Lake, Kolkata and click on the location pin.	System opens up a popup containing the following details • Donor name = Ashish • Donor contact number = 9234703302
5	System also shows two buttons on the bottom rightside of the screen. Select the first button from the left.	System opens a google navigation page which allows you to navigate to the selected location from your current location.
6	Select the second button from the left, displayed on bottom right side of screen.	The second button opens Google Map and locates the selected point.
Execution type:	Manual	
Estimated exec. duration (min):		
Priority:	Medium	
Requirements	3.1: View Collection Assignment	
Keywords:	None	

1.3.2.Test Suite : Update Collection

Test Case Quarks-5: Update Collection		
Author:	Quarks	
Summary:		
This test case checks the Update Collection functionality of Vitaran app.		
Preconditions:		
1. The Collection Unit has receieved the item from donor. 2. The Collection Unit has opened the View Collection Assignment screen. 3. The Collection unit's phone is connected to the internet.		
#:	Step actions:	Expected Results:
1	Select the donor "2 Ashish" from list of donors and click "Update Successful Pickup".	A popup comes to confirm successful pickup.
2	Click on "Click to see Map".	The location pin near College More, Salt Lake, Kolkata has turned green in color.
3	Close and reopen the App.	"2 Ashish" in the donor list is replaced by "--".
Execution type:	Manual	
Estimated exec. duration (min):		
Priority:	Medium	
Requirements	3.2: Update Collection	
Keywords:	None	

1.4.Test Suite : Common Modules

This test suite contains test cases for modules which have common functionality for the NGO, the Donor and Collection Unit.

1.4.1.Test Suite : Login

Test Case Quarks-18: Login-4

Author:	Quarks

Summary:

The test case is to check the login functionality of the Vitaran Application. This login functionality is common for the NGO, Donor, and Collection Unit.

Preconditions:

    1. The user must be connected to the internet.
    2. User should have valid username and password.

#:	Step actions:	Expected Results:
1	Open Vitaran Application.	Vitaran Application opens on the phone.
2	Enter abc in Email ID.	System shows an error for wrong email ID format.

Execution type:	Manual
Estimated exec. duration (min):	
Priority:	Medium
Requirements	4.1: Login
Keywords:	None

Test Case Quarks-17: Login-3

Author:	Quarks

Summary:

The test case is to check the login functionality of the Vitaran Application. This login functionality is common for the NGO, Donor, and Collection Unit.

Preconditions:

    1. The user must be connected to the internet.
    2. User should have valid username and password.

#:	Step actions:	Expected Results:
1	Open Vitaran Application.	Vitaran Application opens on the phone.
2	Enter username = "bhaskar@gmail.com" in the username textbox.	System accepts the username.
3	Enter password = "3456" in the password textbox.	System accepts password in encrypted format.
4	Click on Login Now.	System checks for valid username and password.
8	System finds that the username and password do not match with user record.	The system shows an error.

Execution type:	Manual
Estimated exec. duration (min):	
Priority:	Medium
Requirements	4.1: Login
Keywords:	None

Test Case Quarks-16: Login-2

Author:	Quarks

Summary:

The test case is to check the login functionality of the Vitaran Application. This login functionality is common for the NGO, Donor, and Collection Unit.

Preconditions:

    1. The user must be connected to the internet.
    2. User should have valid username and password.

#:	Step actions:	Expected Results:
1	Open Vitaran Application.	Vitaran Application opens on the phone.
2	Enter username = "bhaskar@gmail.com" in the username textbox.	System accepts the username.
3	Enter password = "abc123" in the password textbox.	System accepts password in encrypted format.
4	Click on Login Now.	System checks for valid username and password.
8	System finds that the username and password match with existing user record in database.	The system opens the home screen of the application for a donor named Bhaskar.

Execution type:	Manual
Estimated exec. duration (min):	
Priority:	Medium
Requirements	4.1: Login
Keywords:	None

Test Case Quarks-15: Login-1

Author:	Quarks

Summary:

The test case is to check the login functionality of the Vitaran Application. This login functionality is common for the NGO, Donor, and Collection Unit.

Preconditions:

    1. The user must be connected to the internet.
    2. User should have valid username and password.

#:	Step actions:	Expected Results:
1	Open Vitaran Application.	Vitaran Application opens on the phone.
2	Enter username = "bhaskar123@gmail.com" in the username textbox.	System accepts the username.
4	Click on Login Now.	System shows an error as password not entered.

Execution type:	Manual
Estimated exec. duration (min):	
Priority:	Medium
Requirements	4.1: Login
Keywords:	None

Test Case Quarks-32: Login-5

Author:	Quarks

Summary:

This test case checks the logout functionality.

Preconditions:

1. The user's phone must be connected to internet.

2. The user has already logged in to his/her account with valid credentials.

#:	Step actions:	Expected Results:
1	Log in using email = a@b.c and password = 123	Login should be successful.
2	Click on logout.	Logout completes and Login Page re-opens.

Execution type:	Manual
Estimated exec. duration (min):	

Priority:	Medium
Requirements	4.1: Login
Keywords:	None

Execution time metrics

Time used for executing 14 test cases (min):39