

SeniorConnect Project Test Cases

Version 2.0

30/10/2015

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Revision History

Revision	Author	Date	Comments
1.0	Liu Yikun	30/10/2015	Initial version
2.0	Liu Yikun	05/10/2015	Final revision

SeniorConnect Project

Test Cases

Version 2.0

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Risk Management Plan Approvals:

Li YISHAN 30/10/2015

SQA Manager **Date**

刘耀坤 30/10/2015

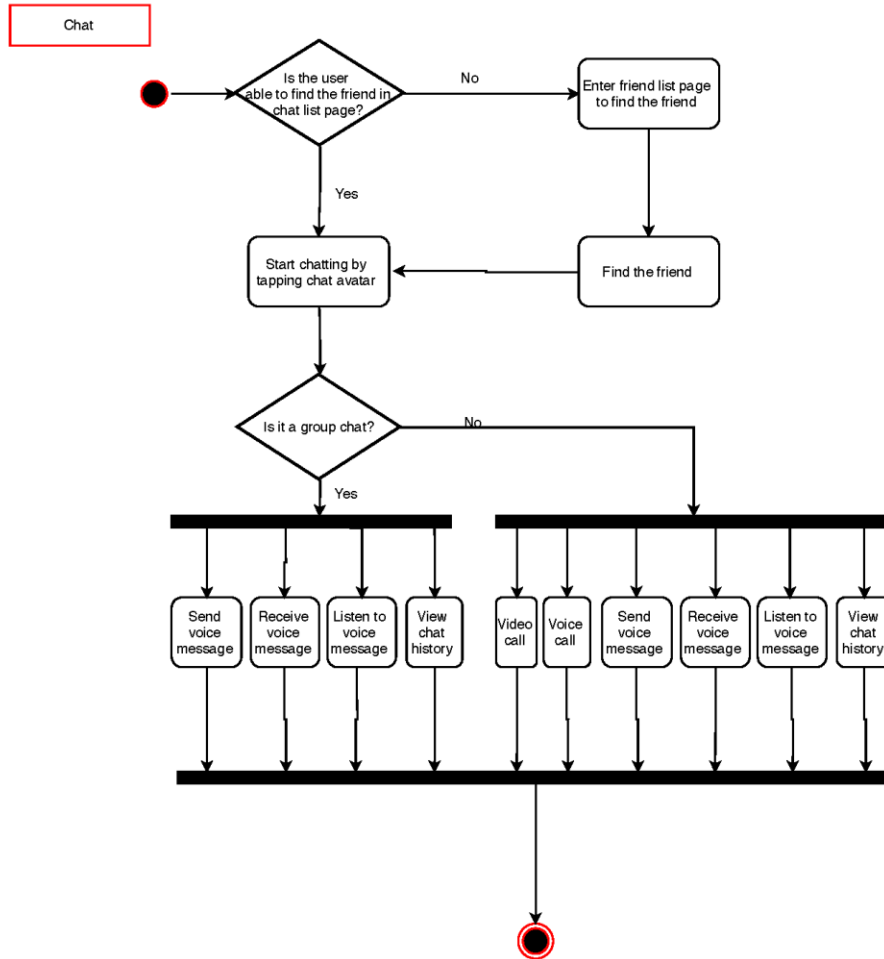
Project Manager **Date**

1. Introduction

The test cases are designed in accordance with Test Plan to ensure all implemented functionalities work correctly. It covers essential functions in SeniorConnect System and mainly focus on unit testing using white-box testing.

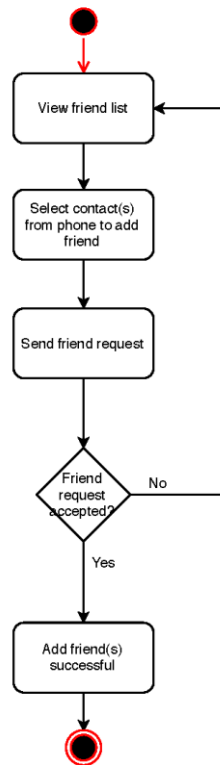
2. Program Flow

2.1. Chat

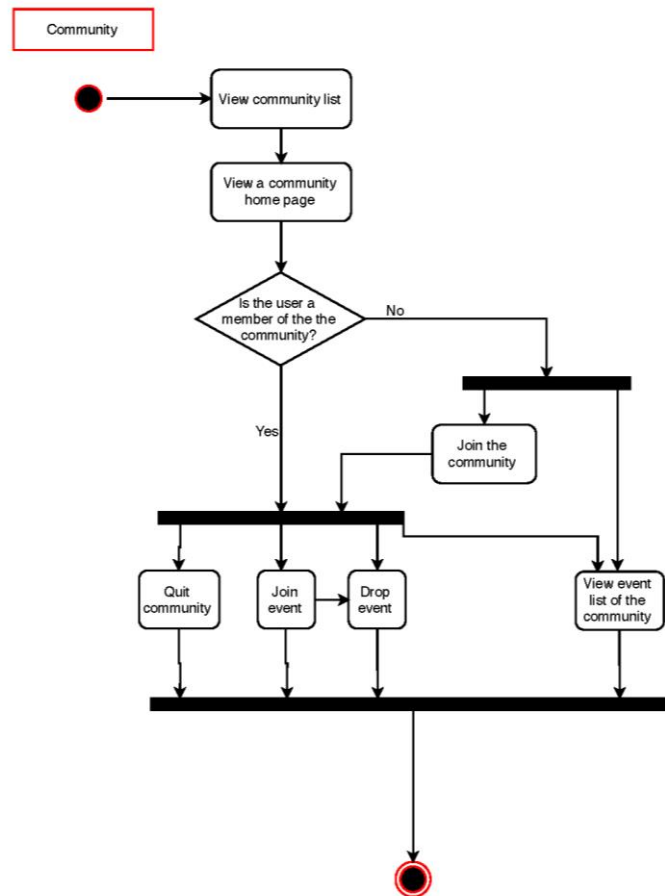


2.2. Friend

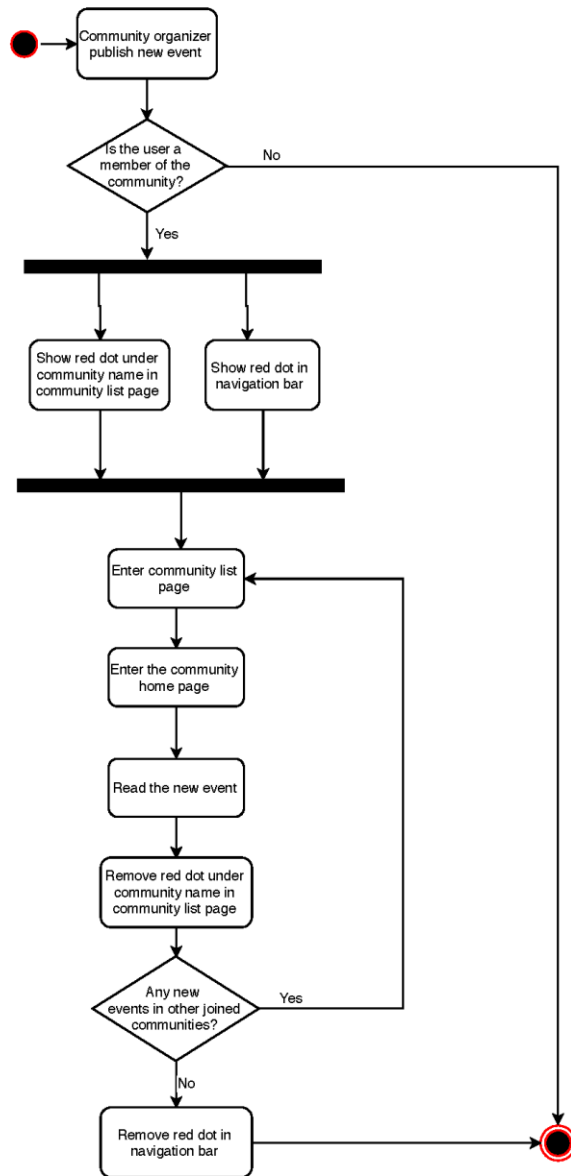
Send/Accept/Decline
Friend request



2.3. Community

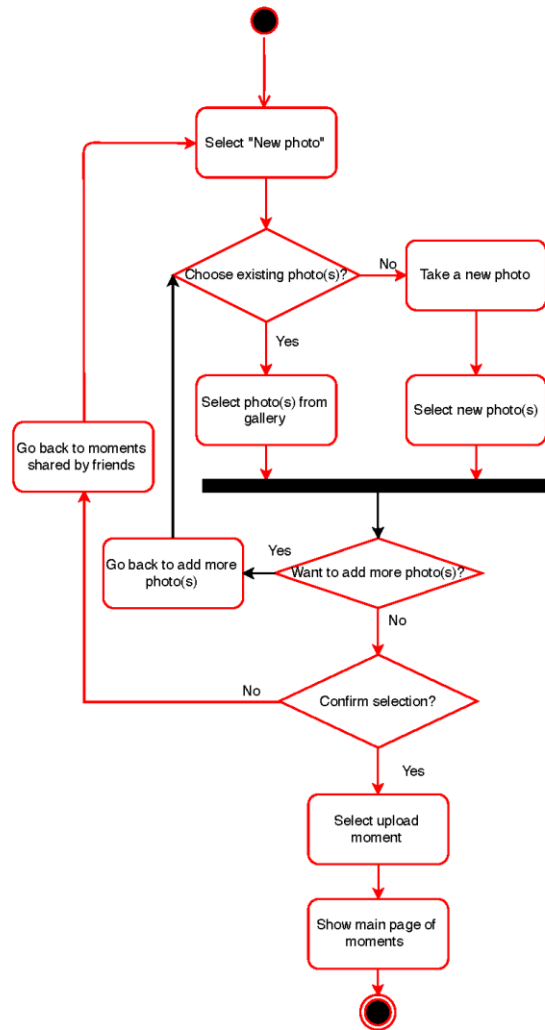


Receive notification

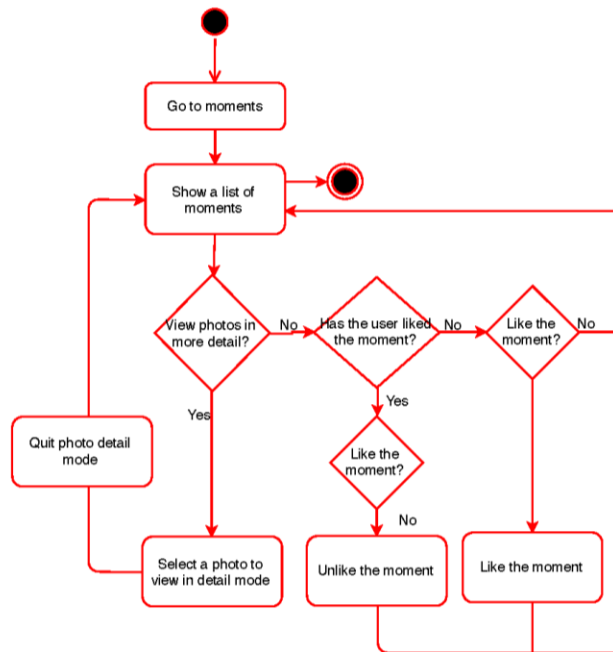


2.4. Moments

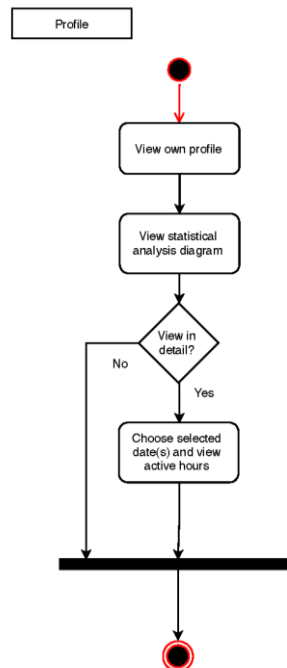
Share photo(s) in moments



View/Like/Unlike moments



2.5. Profile



3. White-Box Test Cases

3.1. Chat

Tests below are to cover all possible paths. By changing decision at each decision note, a total of 12 test cases are needed to cover all possible paths.

Test Case ID	CH1
Test Function	Chat
Test Case Input	Construct user who has recent chat history in chat list.
Expected Flow	No friend in chat list page->Enter friend list to find friend-> Find the friend -> Start chatting by tapping -> end
Results	

Test Case ID	CH2
Test Function	Chat
Test Case Input	Construct user who has recent chat history in chat list.
Expected Flow	Find friend in chat list page-> Start chatting by tapping -> end
Results	

Test Case ID	CH3
Test Function	Chat
Test Case Input	User clicks a friend to chat
Expected Flow	Tap friend avatar to chat-> Hold to record voice message->Send voice message-> Message display on screen -> Message can be listened -> end
Results	

Test Case ID	CH3
Test Function	Chat
Test Case Input	User A clicks user B to chat
Expected Flow	Tap friend avatar to chat-> Hold to record voice message->Send voice message->

	Message display on screen -> Message can be listened by user B -> end
Results	

Test Case ID	CH4
Test Function	Chat
Test Case Input	User A is friend with user B and user B sends a voice message to user A
Expected Flow	User A receives voice message notification from user B -> User A clicks the message -> The message can be listened by user A -> end
Results	

Test Case ID	CH5
Test Function	Chat
Test Case Input	User A in chat page with user B and user A clicks video call
Expected Flow	User A clicks video call to user B -> user B accepts video call -> User A chats with user B -> User A ends the video call -> The video call is closed -> end
Results	

Test Case ID	CH6
Test Function	Chat
Test Case Input	User A in chat page with user B and user A clicks video call
Expected Flow	User A clicks video call to user B -> user B rejects video call -> Message display on screen to user A -> end
Results	

Test Case ID	CH7
Test Function	Chat
Test Case Input	User A is friend with user B and user B makes a video call to user A
Expected Flow	User A receives video call notification from user B -> User A accepts the video call -> User A chats with user B -> User A or B ends the video call -> The video call is closed -> end
Results	

Test Case ID	CH8
Test Function	Chat
Test Case Input	User A is friend with user B and user B makes a video call to user A
Expected Flow	User A receives video call notification from user B -> User A rejects the video call -> Message display on screen -> end
Results	

Test Case ID	CH9
Test Function	Chat
Test Case Input	User A is friend with user B, and user A and B have chat history
Expected Flow	User A taps user B to enter chat page -> User A scrolls up to view chat history -> until screen display “no more chat history” -> end
Results	

Test Case ID	CH10
Test Function	Chat
Test Case Input	User A is friend with user B, and user A and B have no chat history
Expected Flow	User A taps user B to enter chat page -> User A scrolls up to view chat history ->

	screen display “no more chat history” -> end
Results	

Test Case ID	CH11
Test Function	Chat
Test Case Input	User A is in chat group with user B and user C
Expected Flow	User A taps chat group to enter chat page -> Hold to record voice message->Send voice message-> Message display on screen -> Message can be listened by user B and user C -> end
Results	

Test Case ID	CH12
Test Function	Chat
Test Case Input	User A is in chat group with user B and user C
Expected Flow	User A receives message notification from group -> user A clicks the message -> the message can be listened by user A -> end
Results	

3.2. Friend

Tests below are to cover all possible paths. By changing decision at each decision note, a total of 4 test cases are needed to cover all possible paths.

Test Case ID	FR1
Test Function	Friend
Test Case Input	User A clicks friend tab
Expected Flow	User A clicks friend tab -> Friend list is displayed -> end
Results	

Test Case ID	FR2
Test Function	Friend
Test Case Input	User A in friend tab and clicks add friend
Expected Flow	User A clicks add friend -> Local contact list is displayed -> User A selects a contact -> User A clicks “add” -> A friend request is sent -> end
Results	

Test Case ID	FR3
Test Function	Friend
Test Case Input	User A in friend tab
Expected Flow	User A receives new friend request -> user A clicks to view friend request list-> user A clicks accept -> friend request disappear from request list -> screen display new friend list with the new friend -> end
Results	

Test Case ID	FR4
Test Function	Friend
Test Case Input	User A in friend tab
Expected Flow	User A receives new friend request -> user A clicks to view friend request list-> user A clicks ignore -> friend request disappear from request list -> screen returns to friend list -> end
Results	

3.3. Community

Tests below are to cover all possible paths. By changing decision at each decision note, a total of 8 test cases are needed to cover all possible paths.

Test Case ID	CM1
Test Function	Community
Test Case Input	User A clicks community tab
Expected Flow	User A clicks community tab -> user A is able to view community list-> end
Results	

Test Case ID	CM2
Test Function	Community
Test Case Input	User A is in community tab and clicks a community
Expected Flow	User A clicks a community -> user A is able to view community events-> end
Results	

Test Case ID	CM3
Test Function	Community
Test Case Input	User A is in a community event page and is not a member of the community
Expected Flow	User A is able to view community events -> end
Results	

Test Case ID	CM4
Test Function	Community
Test Case Input	User A is in a community event page and is a member of the community. User A clicks join event.
Expected Flow	User A clicks join event -> screen display "joined" for the event -> end
Results	

Test Case ID	CM5
Test Function	Community
Test Case Input	User A is in a community event page and is a member of the community. User A has joined an event and clicks quit.
Expected Flow	User A clicks quit event -> screen display “Click to join” for the event -> end
Results	

Test Case ID	CM6
Test Function	Community
Test Case Input	User A is in community tab and clicks join community.
Expected Flow	User A clicks join community -> screen display “joined” for the event -> end
Results	

Test Case ID	CM7
Test Function	Community
Test Case Input	User A is in community tab and is a member of a community. User A clicks quit community.
Expected Flow	User A clicks quit community -> screen display “join” for the event -> end
Results	

Test Case ID	CM8
Test Function	Community
Test Case Input	User A is a member of the community.
Expected Flow	User A receives new event notification -> clicks community tab -> clicks community with notification -> views new events -> end
Results	

3.4. Moments

Tests below are to cover all possible paths. By changing decision at each decision note, a total of 7 test cases are needed to cover all possible paths.

Test Case ID	MM1
Test Function	Moments
Test Case Input	User A has friends and clicks moments tab.
Expected Flow	User A clicks moments tab -> friends' moments with photos is displayed -> end
Results	

Test Case ID	MM2
Test Function	Moments
Test Case Input	User A is in moments tab and clicks friend's photo.
Expected Flow	User A clicks photo on moments -> photo is enlarged to full screen -> clicks screen -> photo back to normal size -> end
Results	

Test Case ID	MM3
Test Function	Moments
Test Case Input	User A is in moments tab and clicks make new post
Expected Flow	User A clicks to make new post -> clicks choose from album -> album with photo is open -> selects one or more photos -> click post -> return to moments main page -> end
Results	

Test Case ID	MM4
Test Function	Moments
Test Case Input	User A is in moments tab and clicks make new post

Expected Flow	User A clicks to make new post -> clicks take new photo -> camera is open -> takes new photo with camera -> clicks ok -> clicks post -> return to moments main page -> end
Results	

Test Case ID	MM5
Test Function	Moments
Test Case Input	User A is friend with user B and user B makes a new post
Expected Flow	User A clicks moments tab -> moments are displayed -> user A can view user B's new post -> end
Results	

Test Case ID	MM6
Test Function	Moments
Test Case Input	User A is in moments tab and clicks to like user B's post.
Expected Flow	User A clicks to like user B's post -> screen displays "click to unlike" -> end
Results	

Test Case ID	MM7
Test Function	Moments
Test Case Input	User A is in moments tab and clicks to unlike user B's post.
Expected Flow	User A clicks to unlike user B's post -> screen displays "click to like" -> end
Results	

3.5. Profile

Test Case ID	PR1
Test Function	Profile
Test Case Input	User A clicks profile tab
Expected Flow	User A clicks profile tab -> views avatar, name, phone number, settings etc -> end
Results	

Test Case ID	PR2
Test Function	Profile
Test Case Input	User A is in profile tab and clicks to view detailed statistical analysis
Expected Flow	User A clicks view detail -> Select date-> screen displays detailed analysis -> end
Results	