



TSE3251 - SOFTWARE VERIFICATION & VALIDATION

TEST CASE REPORT

NEIGHBOURHOOD WATCH SYSTEM

Version 1.0

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FUNCTIONAL TESTING

Test Case v1.0.0

Test Case ID	TC 1.1
Pre-Condition	Create account with resident's account with complete input
Summary	
Test Data	Full Name: Syahmi Sabudin Username: Syahmi Email Address: syahmi@gmail.com Contact no.: 0125551234 Password: svvbis
Expected Result	The user will be redirected back to the loginpage.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 1.2
Pre-Condition	Create account with resident's account with incomplete input (Full name)
Summary	
Test Data	Full Name: None Username: Syahmi Email Address: syahmi@gmail.com Contact no.: 0125551234 Password: svvbis
Expected Result	The error message will popup and the user need to reenter information
Result : pass✓/fail✗	pass✓

Test Case ID	TC 1.3
Pre-Condition	Create account with resident's account without input
Summary	
Test Data	Full Name: None Username: None Email Address: None Contact no.: None Password: None
Expected Result	The error message will popup and the user need to reenter information
Result : pass✓/fail✗	pass✓

Test Case ID	TC 2.1
Pre-Condition	Login Resident's account with valid username only
Summary	
Test Data	Username: Syahmi Password: svvbis
Expected Result	The page will notify incorrect password/username and will still be directed to login page
Result : pass✓/fail✗	pass✓

Test Case ID	TC 2.2
Pre-Condition	Login Resident's account with valid password only
Summary	
Test Data	Username: Syahmi Password: svvbis
Expected Result	The page will notify incorrect password/username and will still be directed to login page
Result : pass✓/fail✗	pass✓

Test Case ID	TC 2.3
Pre-Condition	Login Resident's account with valid username and valid password
Summary	
Test Data	Username: Syahmi Password: svvbis
Expected Result	The Resident will be redirected to the 'My Neighbourhood' page.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 3.1
Pre-Condition	Resident register to neighbourhood
Summary	On the 'My Neighbourhood' page, the Resident clicks on the 'Resident Registration' button.
Test Data	None
Expected Result	The tenant will be greeted with a pop up form for resident registration.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 3.2
Pre-Condition	Resident register to neighbourhood
Summary	On the 'Resident Registration' form, the Resident inserted information with an invalid Neighbourhood ID
Test Data	Neighbourhood ID: 69 Residence Contact: 0125551234 Residence Address: E-12-B, Jalan E
Expected Result	The Resident will be redirected to the 'My Neighbourhood' page with an error 'Invalid neighbourhood ID'
Result : pass✓/fail✗	pass✓

Test Case ID	TC 3.3
Pre-Condition	Resident register to neighbourhood
Summary	On the 'Resident Registration' form, the Resident inserted information with a valid Neighbourhood ID
Test Data	Neighbourhood ID: 6 Residence Contact: 0125551234 Residence Address: E-12-B, Jalan E
Expected Result	The Resident will be redirected to the 'My Neighbourhood' page until their application has been approved by management. After approval is gained, the user will be able to access the Neighbourhood Homepage.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 3.1
Pre-Condition	Resident edit profile
Summary	On the sidebar, the Resident clicks on the Edit profile on the 'Profile' tab.
Test Data	None
Expected Result	The Resident will be directed to the profile page and view Resident's information.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 3.2
Pre-Condition	Resident edit profile
Summary	On the edit profile page, the Resident key in new information (email, fullname, contact, password)
Test Data	Email = syahmi@gmail.com
Expected Result	The website will update the new information
Result : pass✓/fail✗	pass✓

Test Case ID	TC 4.1
Pre-Condition	Resident join event
Summary	On the sidebar, the Resident clicks on the Edit profile on the 'Event' tab.
Test Data	None
Expected Result	The Resident will be directed to the event page and view the event.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 4.2
Pre-Condition	Resident join event
Summary	On the event page, the Resident chose an event and clicked on the 'Join Event' button.
Test Data	none
Expected Result	The website will update the new information and the event page will display the Resident's name as a participant.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 5.1
Pre-Condition	Resident book facility
Summary	On the sidebar, the Resident clicks on the Edit profile on the 'Facility' tab.
Test Data	None
Expected Result	The Resident will be directed to the 'Facility' page and view any facilities available to be booked.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 5.2
Pre-Condition	Resident book facility
Summary	On the event page, the Resident chose a facility and clicked on the 'Make Reservation' button.
Test Data	Start date = 25/1/2021, 2.00 p.m Enddate = 25/1/2021, 4.00 p.m
Expected Result	The website will update the new information and the Resident will be redirected to the 'My Reservation' page while the reservation request is pending approval.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 6.1
Pre-Condition	Resident Create Forum
Summary	On the Forum page, the Resident can create a new post by entering the 'Title' and 'Content'. Once finished entering the details, clicked on the 'Submit' button to confirm and clicked on the 'Cancel' button to cancel the post.
Test Data	Title : Talk Content : About Life
Expected Result	The website will update the new information and the Resident will be redirected to the 'Forum' page and can start the forum.
Result : pass✓/fail✗	pass✓

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Delete down

Test Case ID	TC 7.1
Pre-Condition	Resident Create Forum
Summary	On the Forum page, the Resident can create a new post by entering the 'Title' and 'Content'. Once finished entering the details, clicked on the 'Submit' button to confirm and clicked on the 'Cancel' button to cancel the post.
Test Data	Title : Talk Content : About Life
Expected Result	The website will update the new information and the Resident will be redirected to the 'Forum' page and can start the forum.
Result : pass ✓ / fail ✗	pass ✓

Test Case ID	TC 8.1
Pre-Condition	Resident Create Chat
Summary	On the Chat page, the Resident can create a new chat or new subgroup chat. 'New Chat' is when the resident wants to make a conversation personally with the selected username. A 'New Subgroup Chat' is where the resident creates a group chat.
Test Data	New Chat Enter the resident's username : Syahmi New Subgroup Chat Enter your subgroup name: Geng Lorong Tengah
Expected Result	The website will update the new information and the Resident will be redirected to the 'Chat' page and can start the chat.
Result : pass ✓ / fail ✗	pass ✓

Test Case ID	TC 9.1
Pre-Condition	Resident send feedback
Summary	On the feedback page, the Resident typed in their feedback and clicked the Submit button.
Test Data	Feedback: 'minat bis duk sini njir'
Expected Result	The admin will be redirected back to the homepage with a popup 'Feedback submitted'.
Result : pass✓/fail✗	pass✓

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admin

Test Case v1.0.0

Test Case ID	TC 1.1
Pre-Condition	Create account with admin's account with complete input
Summary	
Test Data	Full Name: Mohamad Amirul Ariff bin Mohamad Yusof Username: amirulamri Email Address: amirulariff888@gmail.com Contact no.: 012-3456789 Password: 123456789
Expected Result	The user will be redirected back to the loginpage.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 1.2
Pre-Condition	Create account with admin's account with incomplete input (Full name)
Summary	
Test Data	Full Name: None Username: amirulamri Email Address: amirulariff888@gmail.com Contact no.: 012-3456789 Password: 123456789
Expected Result	The error message will popup and the user need to reenter information
Result : pass✓/fail✗	pass✓

Test Case ID	TC 1.3
Pre-Condition	Create account with admin's account without input
Summary	
Test Data	Full Name: None Username: None Email Address: None Contact no.: None Password: None
Expected Result	The error message will popup and the user need to reenter information
Result : pass✓/fail✗	pass✓

Test Case ID	TC 2.1
Pre-Condition	Login admin's account with valid username only
Summary	
Test Data	Username = amirulamri Password = lmaoxd
Expected Result	The page will notify incorrect password/username and will still be directed to login page
Result : pass✓/fail✗	pass✓

Test Case ID	TC 2.2
Pre-Condition	Login admin's account with valid password only
Summary	
Test Data	Username = amirul Password = 123456789
Expected Result	The page will notify incorrect password/username and will still be directed to login page
Result : pass✓/fail✗	pass✓

Test Case ID	TC 2.3
Pre-Condition	Login admin's account with valid username and valid password
Summary	
Test Data	Username = amirulamri Password = 123456789
Expected Result	The admin will be redirected back to the landing page.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 3.1
Pre-Condition	Admin view dashboard page
Summary	On the homepage, the admin clicks on the My neighbourhood page.
Test Data	None
Expected Result	The admin will be directed to my neighbourhood page and view dashboard information (registered residents, unapproved residents, unreviewed reservations, feedbacks).
Result : pass✓/fail✗	fail✗

Test Case ID	TC 4.1
Pre-Condition	Admin edit profile
Summary	On the homepage, the admin clicks on the Edit profile page.
Test Data	None
Expected Result	The admin will be redirected back to the edit profile page and view admin's information.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 4.2
Pre-Condition	Admin edit profile
Summary	On the edit profile page, the admin key in new information (email, fullname, contact, password)
Test Data	Email = amirulariff888@gmail.com
Expected Result	The website will update the new information
Result : pass✓/fail✗	pass✓

Test Case ID	TC 5.1
Pre-Condition	Admin approve resident
Summary	On the homepage, the admin clicks on the Resident page
Test Data	None
Expected Result	The admin will be redirected to the resident page and view the resident list and pending resident list.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 5.2
Pre-Condition	Admin approve resident
Summary	On the resident page, the admin clicks on the pending resident “view” button
Test Data	None
Expected Result	The admin will be redirected to the resident details page and view the resident details
Result : pass✓/fail✗	pass✓

Test Case ID	TC 5.3
Pre-Condition	Admin approve resident
Summary	On the resident details page, the admin clicks on “approve” button
Test Data	None
Expected Result	The admin will be redirected to the resident page and the approved resident information will displayed in resident list
Result : pass✓/fail✗	pass✓

Test Case ID	TC 5.4
Pre-Condition	Admin view resident detail
Summary	On the resident page, the admin clicks on resident “view” button
Test Data	None
Expected Result	The admin will be redirected to the resident details page and view the resident details

Result : pass✓/fail✗	pass ✓
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Test Case ID	TC 5.5
Pre-Condition	Admin delete resident
Summary	On the resident details page, the admin clicks on “delete” button
Test Data	None
Expected Result	The admin will be redirected to the resident page and the page will display the updated resident list.
Result : pass✓/fail✗	pass ✓

Test Case ID	TC 6.1
Pre-Condition	Admin view event
Summary	On the view homepage, the admin clicks on the event page
Test Data	None
Expected Result	The admin will be redirected back to the event page and view the event.
Result : pass✓/fail✗	pass ✓

Test Case ID	TC 6.2
Pre-Condition	Admin create event
Summary	On the event page, the admin key in event information (name, description, venue, start date, end date)
Test Data	Event name= wedding Description = My Daughter's wedding Venue = multipurpose hall Start date = 25/1/2021, 10.00 a.m Enddate = 25/1/2021, 4..00 p.m
Expected Result	The website will update the new information and the event page will be able to display the event
Result : pass✓/fail✗	pass✓

Test Case ID	TC 6.3
Pre-Condition	Admin view event detail
Summary	On the event page, the admin view the event detail and list of event participant
Test Data	None
Expected Result	The website will display all the event detail and participant for that event
Result : pass✓/fail✗	pass✓

Test Case ID	TC 6.4
Pre-Condition	Admin edit event
Summary	On the event detail page, the admin updates new information (name, description, venue)
Test Data	Name = Description = Venue = Start date = End date =
Expected Result	The website will update the new information and the event page will be able to display the information.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 6.5
Pre-Condition	Admin deletes events
Summary	On the event detail page, the admin clicks on the “delete” button
Test Data	None
Expected Result	The website will delete the event and update the new information in event page
Result : pass✓/fail✗	pass✓

Test Case ID	TC 7.1
Pre-Condition	Admin view facilities
Summary	On the view homepage, the admin clicks on the Facilities page
Test Data	None
Expected Result	The admin will be redirected back to the facilities page and view the facilities.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 7.2
Pre-Condition	Admin create facilities
Summary	On the event page, the admin key in event information (name, description, venue)
Test Data	Facility name= futsal Description = play play futsal Venue = futsal court
Expected Result	The website will update the new information and the facility page will be able to display the information
Result : pass✓/fail✗	pass✓

Test Case ID	TC 7.3
Pre-Condition	Admin edit facilities
Summary	On the facility page, the admin clicks on the “view” button
Test Data	None
Expected Result	The admin will be redirected to the facility details page and view the facilities details..
Result : pass✓/fail✗	pass✓

Test Case ID	TC 7.4
Pre-Condition	Admin edit facilities
Summary	On the facility detail page, the admin updates new information (name, description, venue)
Test Data	Name = Description = Venue =
Expected Result	The website will update the new information and the facility page will be able to display the information.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 7.5
Pre-Condition	Admin deletes facilities
Summary	On the facility detail page, the admin deletes facility
Test Data	
Expected Result	The website will delete the facility and update the new information in facility page
Result : pass✓/fail✗	pass✓

Test Case ID	TC 7.6
Pre-Condition	Admin view facilities booking
Summary	On the facility page, the admin view facility booking list
Test Data	None
Expected Result	The website will displayed the booking list
Result : pass✓/fail✗	pass✓

Test Case ID	TC 8.1
Pre-Condition	Admin view feedbacks
Summary	On the homepage, the admin clicks on the Feedback page
Test Data	None
Expected Result	The admin will be redirected back to the feedback page and view the resident's feedback list.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 8.2
Pre-Condition	Admin view feedback details
Summary	On the feedback page, the admin clicks on the "View" button
Test Data	None
Expected Result	The admin will be redirected to the feedback details page and view the resident's feedback details..
Result : pass✓/fail✗	pass✓

Test Case ID	TC 8.3
Pre-Condition	Admin deletes feedback
Summary	On the feedback detail page, the admin clicks on the “delete” button
Test Data	None
Expected Result	The website will delete the feedback and update the new information in feedback page
Result : pass✓/fail✗	pass✓

NONFUNCTIONAL TESTING

Test Case v1.0.0

Test Case ID	TC 1.1
Pre-Condition	Load Test
Summary	Find the success rate of logging in to the system under heavy user load.
Test Data	100 user 10 sec Using JMeter
Expected Result	The tester is able to successfully log in the website under heavy load.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 1.2
Pre-Condition	Performance Test
Summary	find out the load times of the website based on user's internet speed by log in to the website as admin and view resident page
Test Data	Username = amirulamri Password = 123456789
Expected Result	The tester is able to successfully log in the website and view the resident list page.
Result : pass✓/fail✗	pass✓

Test Case ID	TC 1.3
Pre-Condition	Usability Test
Summary	Identify whether the system meets with the user's expectation.
Test Data	User = sapek bin kamal
Expected Result	The tester has an overall good experience using the system and gives positive feedback.
Result : pass✓/fail✗	pass✓