Rock Chalk Rendezvous

Test Cases

Version <1.0>

Revision History

Date	Version	Description	Author
04/25/2024	0.1	First draft	Shayna Weinstein, Dylan Kneidel, Delroy Wright, Ben Phillips, Andrew Reyes

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1.   Purpose

This Test Case Specification document for the Rock Chalk Rendezvous defines a test case for an item that should be tested.

2.   Test Cases

Test case identifier	Test case description	Test data	Expected results	Actual Results	Pass/Fail Status
Event Creation Testing					
TC-01a	Create a 2-hour reoccurring event (One-time)	Create a one-time new event with the duration set to 2 hours	One time block filled with correct duration	One-time event created with a duration of 2 hours. (Event information correct on calendar/list view)	Pass ▾
TC-01b	Create a 4-hour reoccurring event (Daily)	Create a daily new event with the duration set to 4 hours	Time block filled with correct duration and daily repeated occurrence	Daily event created with a duration of 4 hours. (Event information correct on calendar/list view)	Pass ▾
TC-01c	Create a 6-hour reoccurring event (Weekly)	Create a weekly new event with the duration set to 6 hours	Time block filled with correct duration and weekly repeated occurrence	Weekly event created with a duration of 6 hours. (Event information correct on calendar/list view)	Pass ▾
TC-01d	Create a 8-hour reoccurring event (Monthly)	Create a monthly new event with the duration set to 8 hours	Time block filled with correct duration and monthly repeated occurrence	Monthly event created with a duration of 8 hours. (Event information correct on calendar/list view)	Pass ▾
User Account Handling Testing					
TC-02a	Register new user	Input new user	Screen Indication:	Screen Indication:	Pass ▾

	account	account information (e.g. User: 'test' Pass: 'test')	SUCCESSFULLY AUTHORIZED!	SUCCESSFULLY AUTHORIZED!	
TC-02b	Register new user account with pre-existing username	Input pre-existing username (e.g. User: 'test')	Screen Indication: FAILED TO AUTHORIZED!	Screen Indication: FAILED TO AUTHORIZED!	Pass ▾
TC-02c	Register new user account with pre-existing password	Input pre-existing password (e.g. Pass: 'test')	Screen Indication: SUCCESSFULLY AUTHORIZED!	Screen Indication: SUCCESSFULLY AUTHORIZED!	Pass ▾
TC-02d	Login to pre-existing user account	Input pre-existing user account information (e.g. User: 'test' Pass: 'test')	Screen Indication: SUCCESSFULLY AUTHORIZED!	Screen Indication: SUCCESSFULLY AUTHORIZED!	Pass ▾
TC-02e	Login to a non-existent user account	Input user account not saved in database (e.g. User: 'john' Pass: 'smith')	Screen Indication: FAILED TO AUTHORIZED!	Screen Indication: FAILED TO AUTHORIZED!	Pass ▾
TC-02f	Verify pre-existing user login password check	Input pre-existing username with incorrect password (e.g. User: 'test' Pass: 'testfail')	Screen Indication: FAILED TO AUTHORIZED!	Screen Indication: FAILED TO AUTHORIZED!	Pass ▾
UI Functionality & Navigation Testing					
TC-03a	Switch between list and calendar view (ensure event and time blocks are consistent)	Use CLI navigation shortcuts 'L' & 'C'	'L': List view appears 'C': Calendar view appears	List view appears correctly Calendar view appears correctly	Pass ▾
TC-03b	Scroll 5 years worth of time blocks backwards	Use CLI navigation shortcuts left arrow or 'A'	Successfully navigates back 5 years to 2019	The year displayed is 2019	Pass ▾
TC-03c	Scroll 5 years worth of time blocks forward	Use CLI navigation shortcuts right arrow or 'D'	Successfully navigates back 5 years to 2029	The year displayed is 2029	Pass ▾
TC-03d	Verify correct time block jumps between	Navigate down a time block at 23:45	Selected time block should be	Selected time block is at 0:00	Pass ▾

	days (last and first time block of the day)	on any day.	the first one of the following day.	of the following day.	
		Navigate up a time block at 0:00 on any day.	The selected time block should be the last one of the previous day.	Selected time block is at 23:45 of the previous day.	
TC-03e	Verify correct time block jumps between weeks (last and first time block of the week)	Navigate down a time block at 23:45 on any Sunday.	Selected time block should be the first one of the following week.	Selected time block is at 0:00 of the following week.	Pass ▾
		Navigate up a time block at 0:00 on any Monday.	The selected time block should be the last one of the previous week.	Selected time block is at 23:45 of the previous week.	
TC-03f	Verify the functionality of the save and exit button	Use CLI shortcut 'Q'	Terminal User Interface should close, and user information should be saved in database	TUI closes properly, and user information is stored and saved	Pass ▾
	Group Calendar Functionality				
TC-04a	Verify correct output when viewing group calendars on a user with no associated groups	Navigate to 'View group calendars' with no user-saved groups	Empty group list	Empty group list	Pass ▾
TC-04b	Verify correct output when viewing group calendars on a user with 3 associated groups	Navigate to 'View group calendars' with a user that has 3 saved groups	All 3 groups display with their proper names and unique group ID's	3 group names displayed with their corresponding group ID's	Pass ▾
TC-04c	Verify proper creation of a group with a new name	Navigate to 'Create Group' and enter a new name (e.g. 'NewName')	Screen Indication: SUCCESSFULLY CREATED GROUP & adds group to list view	Screen Indication: SUCCESSFULLY CREATED GROUP & adds group to list view	Pass ▾

TC-04d	Verify creation of a group with a pre-existing group name	Navigate to 'Create Group' and enter a new name (e.g. 'Test')	A new group is created with the same name but group ID is unique	A new group is created with the same name but group ID is unique	Pass ▾
TC-04e	Verify creation of a new group with empty string for the name	Navigate to 'Create Group' and enter a name with no characters (e.g. ' ')	A group is created with an empty string as the name, but displays a unique group ID	A group is created with an empty string as the name, but displays a unique group ID	Pass ▾
TC-04f	Try to join a group with a group ID that does not exist	On a separate user, navigate to 'Join Group' and input an ID that does not exist (e.g. 'IDONTEXIST')	Screen Indication: INVALID INPUT & does not add user to a group	Screen Indication: INVALID INPUT & does not add user to a group	Pass ▾
TC-04g	Try to join a group with a pre-existing unique group ID	On a separate user, navigate to 'Join Group' and input a pre-existing ID (e.g. '6633FF45')	Screen Indication: SUCCESSFULLY JOINED GROUP & adds user to the selected group	Screen Indication: SUCCESSFULLY JOINED GROUP & adds user to the selected group	Pass ▾
TC-04h	Try to join a group with a non-valid ID input	On a separate user, navigate to 'Join Group' and input a non-valid ID (e.g. 'INVALID')	Screen Indication: INVALID INPUT & user is not added to any group	Screen Indication: INVALID INPUT & user is not added to any group	Pass ▾
TC-04i	Verify each group has a separate and unique ID after creating 10 different groups	Create 10 different groups and navigate to 'View Groups' to ensure each one has a unique ID	'View Groups' should display all 10 groups and each of them have a different group ID	'View Groups' displays all 10 groups and each of them have a different and unique group ID	Pass ▾
TC-04j	Verify leaving a joined group	Navigate to 'Leave Group' and select a joined group to leave	Screen Indication: SUCCESSFULLY LEFT GROUP & user is no longer associated with that group	Screen Indication: SUCCESSFULLY LEFT GROUP & user is no longer associated with that group	Pass ▾
TC-04k	Try to leave group with no pre-existing groups	Navigate to 'Leave Group' with a user with no joined groups	Blank list view screen with no groups listed	Blank list view screen with no groups listed	Pass ▾