**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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# Purpose

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

# 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 account | Input new user account information  (e.g. User: ‘test’  Pass: ‘test’) | Screen Indication:  SUCCESSFULLY AUTHORIZED! | Screen Indication:  SUCCESSFULLY AUTHORIZED! | Pass |
| 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 days (last and first time block of the day) | Navigate down a time block at 23:45 on any day.  Navigate up a time block at 0:00 on any day. | Selected time block should be the first one of the following day.  The selected time block should be the last one of the previous day. | Selected time block is at 0:00 of the following day.  Selected time block is at 23:45 of the previous day. | Pass |
| 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.  Navigate up a time block at 0:00 on any Monday. | Selected time block should be the first one of the following week.  The selected time block should be the last one of the previous week. | Selected time block is at 0:00 of the following week.  Selected time block is at 23:45 of the previous week. | Pass |
| 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 |