

# Rally Test Plan

Team 20 - Blackbox Testing

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## User Login and Registration

Identification and Classification	<u>Test Case 1</u> : User Registers for an Account <u>Test Case Type</u> : Functionality <u>Severity</u> : 1
Test Steps	<ol style="list-style-type: none"><li>1. The user clicks the hamburger button on the side.</li><li>2. The user clicks the Register button in the dropdown menu.</li><li>3. The user is taken to the register page.</li><li>4. The user enters their username, date of birth, email, password, and confirms their password.</li><li>5. The user presses submit.</li><li>6. The user is taken to the home page and is now signed in.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. Given that the user enters valid information the user should successfully be registered and redirected to the home page.</li><li>2. If the user enters incorrect information an error message should appear letting the user know what they entered in incorrectly.</li></ol>

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Identification and Classification	<u>Test Case 2: User Signs In</u> <u>Test Case Type:</u> Functionality <u>Severity:</u> 1
Test Steps	<ol style="list-style-type: none"><li>1. The user clicks the hamburger button on the side.</li><li>2. The user clicks the Sign In button in the dropdown menu.</li><li>3. The user enters their email and password.</li><li>4. The user clicks login.</li><li>5. The user is taken to the home page and is now signed in.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. If successful when logging in, the user should be redirected to the home page where they can view the current meets available.</li><li>2. If unsuccessful, the app should display an error message and keep the user from signing in until correct credentials are added.</li></ol>

Identification and Classification	<u>Test Case 3: User Forgets Password</u> <u>Test Case Type:</u> Functionality <u>Severity:</u> 2
Test Steps	<ol style="list-style-type: none"><li>1. The user clicks the hamburger button and then the Sign In button in the corresponding menu.</li><li>2. The user clicks the Forgot Password button.</li><li>3. The user enters their email.</li><li>4. The user clicks submit.</li><li>5. The user is returned to the login page.</li><li>6. An email is sent by the system to the user's email account with their password.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. If valid information is typed in, then the user should receive an email with a link to re enter a new password.</li><li>2. If invalid information is typed in, then the app should display an error popup with information about the error.</li></ol>

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Identification and Classification	<u>Test Case 4: User Clears Registration Information</u> <u>Test Case Type: Functionality</u> <u>Severity: 3</u>
Test Steps	<ol style="list-style-type: none"> <li>1. The user clicks the hamburger button and then the Register button in the corresponding menu.</li> <li>2. The user enters any combination of their username, date of birth, email, password, and password confirmation.</li> <li>3. The user clicks the clear button.</li> <li>4. All of the previously filled in fields are cleared.</li> </ol>
Expected Behavior	<ol style="list-style-type: none"> <li>1. If there is information in any of the registration page fields, the information should be cleared.</li> <li>2. If there is no information in any of the registration page fields, nothing should happen.</li> </ol>

Identification and Classification	<u>Test Case 5: User Logs In With External Service</u> <u>Test Case Type: Functionality</u> <u>Severity: 2</u>
Test Steps	<ol style="list-style-type: none"> <li>1. The user navigates to the hamburger button and then the Login page.</li> <li>2. The user clicks the Facebook, Google, or Twitter button to sign in from an external source.</li> <li>3. The user signs into that service and is returned to the home page, logged in.</li> </ol>
Expected Behavior	<ol style="list-style-type: none"> <li>1. Upon successful authentication, the user should be redirected to the home page.</li> <li>2. Upon unsuccessful authentication, the user should not be redirected to the home page.</li> </ol>

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### Event Manipulation

Note: Event boxes can come from any page that has a display for them, such as the home page, the organized meetings page, or the registered meetings page.

Identification and Classification	<u>Test Case 6: User Registers for an Event</u> <u>Test Case Type: Functionality</u> <u>Severity: 2</u>
Test Steps	<ol style="list-style-type: none"><li>1. The user clicks on an event box.</li><li>2. The user is taken to a view page displaying the title, image, description, location, date, and time of an event.</li><li>3. The user clicks the register button at the bottom of the page.</li><li>4. The user is signed up for the event.</li><li>5. The system adds the event to their list of registered events.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. If the user entered in all fields with valid data, then the page should navigate to the home page.</li><li>2. If the user did not enter in all fields with valid data, then an popup message should be displayed with the error.</li></ol>

Identification and Classification	<u>Test Case 7: User Unregisters for an Event</u> <u>Test Case Type: Functionality</u> <u>Severity: 2</u>
Test Steps	<ol style="list-style-type: none"><li>1. The user clicks an event box.</li><li>2. The user is taken to a view page as mentioned in the previous case.</li><li>3. The user clicks unregister.</li><li>4. The event is removed from the user's registered events.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. Given that a user has registered for an event, upon unregistering, the event should not be displayed in the registered meetings page.</li></ol>

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Identification and Classification	<u>Test Case 8: User Unregisters for an Event</u> <u>Test Case Type: Boundary</u> <u>Severity: 2</u>
Test Steps	<ol style="list-style-type: none"><li>1. The user clicks an event box.</li><li>2. The user is taken to a view page as mentioned in the previous case.</li><li>3. The user clicks unregister.</li><li>4. The event is removed from the user's registered events.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. Given that the user has only one event that they are registered for, upon unregistration, the event should not show up on the registered meets page.</li></ol>

Identification and Classification	<u>Test Case 9: User Edits Account Information</u> <u>Test Case Type: Functionality</u> <u>Severity: 2</u>
Test Steps	<ol style="list-style-type: none"><li>1. The user navigates to the Account Information page using the hamburger button sidebar.</li><li>2. The user clicks the "Edit Information" button.</li><li>3. The user changes their username or date of birth.</li><li>4. The user clicks save.</li><li>5. The user's information is updated in the database.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. If the user enters valid data inputs for corresponding fields, then the updated information should be saved.</li><li>2. If the user enters invalid data inputs for corresponding fields, then an error message should be displayed.</li></ol>

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Identification and Classification	<u>Test Case 10: User Deletes Their Account</u> <u>Test Case Type: Functionality</u> <u>Severity: 1</u>
Test Steps	<ol style="list-style-type: none"><li>1. The user navigates to the Account Information page using the hamburger button sidebar.</li><li>2. The user clicks the “Edit Information” button.</li><li>3. The user clicks the “Delete Account” button.</li><li>4. The user’s account is logged out and their information is removed from the database.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. Upon deletion of an account the user should be logged out, returned to the home page, and be unable to log back into the Rally app.</li></ol>

Identification and Classification	<u>Test Case 11: User Uploads a Profile Picture</u> <u>Test Case Type: Functionality</u> <u>Severity: 3</u>
Test Steps	<ol style="list-style-type: none"><li>1. The user navigates to the Account Information page using the hamburger button sidebar.</li><li>2. The user clicks the “Edit Information” button.</li><li>3. The user clicks the “Upload” button.</li><li>4. The user selects an image to upload.</li><li>5. The user’s profile picture is updated.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. If a profile picture is already there, then the new profile picture should replace it.</li><li>2. If there is no profile picture, the profile picture</li></ol>

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	should become the newly uploaded profile picture
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Identification and Classification	<u>Test Case 12: User Views a Registered Meeting</u> <u>Test Case Type: Functionality</u> <u>Severity: 2</u>
Test Steps	<ol style="list-style-type: none"><li>1. The user navigates to the “Registered Meetings” page from the hamburger button sidebar.</li><li>2. The user clicks an event that they have signed up for.</li><li>3. The user is taken to the view page for that event.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. Given that the user has registered for an event, they should be able to see that they are registered for that event.</li><li>2. If the user has not registered for an event, they should not be able to view that meeting from the registered meeting page.</li></ol>

Identification and Classification	<u>Test Case 13: User Views an Organized Meeting</u> <u>Test Case Type: Functionality</u> <u>Severity: 2</u>
Test Steps	<ol style="list-style-type: none"><li>1. The user navigates to the “Organized Meetings” page from the hamburger button sidebar.</li><li>2. The user clicks an event that they have organized.</li><li>3. The user is taken to the view page for that event.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. Given that the user created the event, the user should be able to see how many people are registered for their event. They should also have the option to cancel this event.</li></ol>

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Identification and Classification	<u>Test Case 14: User Creates a Rally/Meeting</u> <u>Test Case Type: Functionality</u> <u>Severity: 1</u>
Test Steps	<ol style="list-style-type: none"> <li>1. The user navigates to the “Create a rally” page.</li> <li>2. The user enters the title, description, time, and date of a meeting.</li> <li>3. The user optionally uploads a picture.</li> <li>4. The user presses the submit button.</li> <li>5. An event is created with the user as it’s organizer and will show up on the home page and the user’s organized events page.</li> </ol>
Expected Behavior	<ol style="list-style-type: none"> <li>1. If the user entered all valid information and every field is populated, after creation of the event the user should be redirected to the organize meetings page.</li> <li>2. If the user fails to enter valid information, or not fill out every field, the app should display an error message.</li> </ol>

Identification and Classification	<u>Test Case 15: User Donates To Website</u> <u>Test Case Type: Functionality</u> <u>Severity: 1</u>
Test Steps	<ol style="list-style-type: none"> <li>1. The user navigates to the “Donation” page using the hamburger button sidebar.</li> <li>2. The user enters a numerical donation amount in the box.</li> <li>3. The user clicks the paypal checkout button.</li> <li>4. The user is is taken to paypal, where the transaction is completed.</li> </ol>
Expected Behavior	<ol style="list-style-type: none"> <li>1. If the user enters a dollar amount, the paypal window should open and let the user donate money to the developers of rally. The user’s paypal account balance should subtract the amount that they entered to donate.</li> </ol>

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Identification and Classification	<u>Test Case 16: Donate To Website Equivalence</u> <u>Test Case Type: Equivalence</u> <u>Severity: 1</u>
Test Steps	<ol style="list-style-type: none"> <li>1. The user enters a negative dollar amount.</li> <li>2. The user enters zero.</li> <li>3. The user enters a large positive dollar amount.</li> <li>4. The user enters a dollar amount with more than two decimal places.</li> <li>5. The user enters a non-numerical dollar amount</li> <li>6. The user enters a dollar amount with decimal places</li> </ol>
Expected Behavior	<ol style="list-style-type: none"> <li>1. The paypal window should not open. Possibly an error should be displayed.</li> </ol>

Identification and Classification	<u>Test Case 17: Donate To Website Equivalence</u> <u>Test Case Type: Boundary</u> <u>Severity: 1</u>
Test Steps	<ol style="list-style-type: none"> <li>1. The user enters -1 dollars</li> <li>2. The user enters 0 dollars</li> <li>3. The user enters the max value of an integer</li> </ol>
Expected Behavior	<ol style="list-style-type: none"> <li>2. The paypal window should not open. Possibly an error should be displayed.</li> </ol>

Identification and Classification	<u>Test Case 18: User Invites a Friend</u> <u>Test Case Type: Functionality</u> <u>Severity: 2</u>
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Test Steps	<ol style="list-style-type: none"><li>1. The user navigates through the hamburger button sidebar to the “Invite a Friend” page.</li><li>2. The user enters the email of the friend they wish to invite.</li><li>3. The user clicks the submit button.</li><li>4. An email is sent to the entered email containing an invitation.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. Given that the email they entered is a valid email, the email should be sent and should have a link that redirects the recipient of the email to the Rally website.</li><li>2. If the user enters invalid information, then the email should not be sent and an error message should be displayed.</li></ol>

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Identification and Classification	<u>Test Case 19: User Signs Out</u> <u>Test Case Type: Functionality</u> <u>Severity: 1</u>
Test Steps	<ol style="list-style-type: none"><li>1. The user clicks the Sign Out button on the hamburger button sidebar.</li><li>2. The user is signed out and taken to the home page.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. Given that the user is logged in, the user should be logged out and information that should only be visible to a logged in user should not be displayed.</li></ol>

Identification and Classification	<u>Test Case 20: User Report a Problem</u> <u>Test Case Type: Functionality</u> <u>Severity: 2</u>
Test Steps	<ol style="list-style-type: none"><li>1. The user clicks Report a Problem in the bottom left of the web page.</li><li>2. The user enters their name email and information about the issue.</li><li>3. The user clicks the submit button.</li><li>4. The user clicks the clear button.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. Given that the user entered in a valid email address and all other fields are filled in, the issue should be sent to the developers when the submit button is clicked.</li><li>2. If the user doesn't enter all fields or puts invalid information, an error message should be displayed.</li><li>3. If the user has entered in any information and clicks the clear button, the fields information should be cleared.</li></ol>

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Identification and Classification	<u>Test Case 21: Registers for an Account</u> Equivalence <u>Test Case Type:</u> Equivalence <u>Severity:</u> 1
Test Steps	<ol style="list-style-type: none"><li>1. On the registration page a user enters their date of birth in the past, present, and future.</li><li>2. On the registration page a user enters a password with less than 8 characters.</li><li>3. The user enters a password with 8 or more characters.</li><li>4. The user does not enter in the confirmation password field.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. An error should occur for the a date of birth for the present and the future.</li><li>2. Passwords with less than 8 characters should result in an error message.</li><li>3. Upon hitting the submit button, an error message letting the user know that they have not filled out the confirmation password field should appear.</li></ol>

Identification and Classification	<u>Test Case 22: Edits Account Information Boundary</u> <u>Test Case Type:</u> Boundary <u>Severity:</u> 2
Test Steps	<ol style="list-style-type: none"><li>1. The user navigates to the Account Information page using the hamburger button sidebar.</li><li>2. The user edits the date of birth to be in the future, present, or past.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. An error message should appear for the case that the user makes their date of birth to be the present or the future.</li></ol>

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Identification and Classification	<u>Test Case 23: Upload a Profile Picture Boundary</u> <u>Test Case Type: Boundary</u> <u>Severity: 2</u>
Test Steps	<ol style="list-style-type: none"><li>1. The user navigates to the Account Information page using the hamburger button sidebar.</li><li>2. The user clicks the “Edit Information” button.</li><li>3. The user clicks the “Upload” button when they already have a profile picture.</li><li>4. The user selects a new image to be their profile picture.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. If a profile picture is already there, then the new profile picture should replace it.</li></ol>

Identification and Classification	<u>Test Case 24: Creates a Rally/Meeting Boundary</u> <u>Test Case Type: Boundary</u> <u>Severity: 2</u>
Test Steps	<ol style="list-style-type: none"><li>1. The user navigates to the “Create a rally” page.</li><li>2. The user enters the title, description, time, and date of a meeting.</li><li>3. An event is created with the user as it’s organizer and will show up on the home page and the user’s organized events page.</li><li>4. The creator of the rally/meeting attempts register to their own rally/meeting.</li></ol>
Expected Behavior	<ol style="list-style-type: none"><li>1. The creator of a rally should not be able to register to their own events.</li></ol>

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