

Test 1: Create an account

- Description: A user should be able to register for an account and then use those credentials to login.
- Test data: The test data will be a username, password, and email address.
- Test environment: Render
- Expected results: A user can create an account if and only if they provide a password, an email address, and a username not already taken. After registering, the user can login and is able to write reviews when logged in.
- User Acceptance Testers: The testers can be anyone who has not already created an account.
- Test results: Test subject was prompted to create an account. She clicked the 'Register' button, entered her name, email, and password, and hit Submit. She faced no issues (such as invalid email or mismatched passwords). Her behavior was as anticipated.

Test 2: View average rating and reviews

- Description: A user should be able to view all the reviews and average rating for a specific mountain. This should include all written reviews, a star rating, and any related images.
- Test data: The test data will include the name of the mountain and any existing reviews and ratings by other users.
- Test environment: Render
- Expected results: When the user visits the mountain's page, they should see a list of all submitted reviews, the average star rating, and any images uploaded with those reviews.
- User Acceptance Testers: Can be anyone
- Test results: Test subject was instructed to read some reviews. She chose Copper Mountain and read the existing reviews.

Test 3: View weather forecast

- Description: A user should be able to see the current weather and forecast to decide whether or not to visit a mountain.
- Test data: The test data will include the name of the mountain which the tester is interested in visiting.
- Test environment: Render
- Expected results: When the user visits the mountain's page, they should see the current weather conditions (no older than 1 hour) and forecast for the next 7 days.
- User Acceptance Testers: Can be anyone
- Test results: Test subject was asked to look at the weather forecast for a mountain and decide if it would be good this weekend. She looked at Copper, and concluded that although it will be windy, it will be plenty warm.

Test 4: Writing reviews

- Description: A user should be able to write a review for a chosen mountain, which requires giving it a rating of up to 5 stars and optionally allows the user to upload images.

- Test data: The test data will be the name of the mountain to be reviewed, the number of stars, a few sentences for the body of the review, and a couple of images.
- Test environment: Render
- Expected results: After writing the review, the user can view it and its pictures on that mountain's page. The user may also remove and rewrite his review.
- User Acceptance Testers: Can be anyone who has made an account.
- Test results: Test subject was asked to write a review for any mountain. She selected Winter Park, wrote her review, and put in ratings for each category. She asked if she could do half-stars (which she could and did). She did not choose to upload an image. Her review was posted successfully, and then she scrolled down the page to find it.

Test 5: Deleting reviews

- Description: A user should be able to delete a review that he has written.
- Test data: The test data is the review to be deleted.
- Test environment: Render
- Expected results: After deleting the review, it no longer shows up under the user's reviews or on the mountain page.
- User Acceptance Testers: Can be anyone who has posted a review.
- Test results: Test subject was asked to delete her review. At first, she looked for somewhere to delete it where it shows up on the Winter Park page, but then realized that it wasn't there and clicked on 'Manage my reviews'. She then hit the delete button and the confirmation button. She then observed that her page had no reviews.