



Photo Gallery

THE WEB PAGE UNDER TEST IS:

<http://demo.baasic.com/angular/starterkit-photo-gallery/main>

TESTER:

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DATE OF EXECUTION:

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THE FOLLOWING TEST SCENARIOS ARE COVERED IN THIS TEST PLAN:

SEARCH PREVIEW:

- ✓ **VALID/INVALID KEYWORD SEARCH**
- ✓ **EMPTY SEARCH FIELD**
- ✓ **SEARCH WITH "SPACE" CHARACTER/NUMBERS**
- ✓ **SEARCH CASE SENSITIVITY**
- ✓ **PARTIAL/MULTIPLE/ EXCESSIVELY LONG KEYWORD SEARCH**

PHOTO GALLERY:

- ✓ **CONSISTENCY OF SEARCH RESULTS**
- ✓ **TECHNICAL DETAILS DISCREPANCY**
- ✓ **CHECKING PHOTOS' URL STATUS CODES**

PHOTO GALLERY PREVIEW:

- ✓ **SCROLLING THROUGH THE PHOTO GALLERY AND SIMULATING COUNTING PHOTOS**

USER REGISTRATION:

- ✓ **REGISTRATION WITH VALID CREDENTIALS**
- ✓ **REGISTRATION ATTEMPT WITH AN INVALID EMAIL ADDRESS/INADEQUATE REGISTRATION PASSWORD LENGTH**
- ✓ **PASSWORD CONFIRMATION MISMATCH/USERNAME AVAILABILITY CHECK/EMAIL CONFIRMATION PROCESS**

USER LOGIN:

- ✓ **LOGIN WITH VALID CREDENTIALS**
- ✓ **LOGIN BEFORE ACCOUNT ACTIVATION**
- ✓ **LOGIN WITH UPPERCASE USERNAME/PASSWORD**
- ✓ **LOGIN WITH AN INVALID USERNAME/PASSWORD**
- ✓ **LOCKING ACCOUNT**

- ✓ **LOGIN WITH LOCKED PASSWORD**

PASSWORD RECOVERY:

- ✓ **REDIRECT TO THE PASSWORD RECOVERY PAGE**
- ✓ **RECOVER PASSWORD WITH VALID/INVALID EMAIL ADDRESS**
- ✓ **RECOVER PASSWORD VIA AN EMAIL LINK**

SOCIAL MEDIA LINKS:

- ✓ **FACEBOOK/TWITTER/GOOGLE ACCOUNT/GITHUB ACCOUNT LINK**

ALBUM CREATION AND MANAGEMENT:

- ✓ **CREATING AN ALBUM**
- ✓ **UPLOADING PHOTOS TO THE ALBUM**
- ✓ **ACCESSING ALBUM'S CONTENT**
- ✓ **CHANGING ALBUM COVER PHOTO**

- ✓ **DELETING A PHOTO/ALBUM**

PHOTO UPLOADING AND MANAGEMENT:

- ✓ **ENSURING UNIQUE FILE NAMES FOR UPLOADED PHOTOS**
- ✓ **PHOTO UPLOADING WITH VARIOUS SIZES/FORMATS**
- ✓ **PHOTO DOWNLOADING**

USER INTERFACE TESTS:

- ✓ **DISPLAYING MULTIPLE ALBUMS AND ALBUM'S PHOTOS**
- ✓ **NAVIGATING THROUGH ALBUM'S PHOTOS**
- ✓ **ZOOMING IN AND OUT**

RETURN LINKS:

- ✓ **RETURN TO THE HOME/MENU PAGE**
- ✓ **LOGOUT FUNCTIONALITY**



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1 Overview

1.1 Purpose of the Test Plan

The purpose of this test plan is to outline the testing approach and strategies employed to validate the functionality and usability of the Photo Gallery web application. The plan encompasses various types of testing, including functional and usability testing, to ensure the application meets user expectations and performs flawlessly across different scenarios and browsers.

1.2 Scope of the Test Plan

The scope of this test plan covers the testing of the Photo Gallery web application, focusing on key features such as user registration, login, album creation, photo uploading, album and photo management, as well as user logout functionality. It aims to identify any functional anomalies, usability issues, and inconsistencies that may affect user experience.

1.3 Types of Testing

This test plan incorporates two primary types of testing to ensure a thorough assessment of the Photo Gallery web application:

- **Functional Testing:** Involves evaluating the individual functions of the application to verify that they perform as expected and in alignment with the defined requirements.
- **Usability Testing:** Focuses on assessing the user-friendliness and overall user experience of the application.

1.4 Tools Used

Within this test plan, the following tools were employed to ensure efficient and reliable test executions:

1. Selenium WebDriver (Google Chrome, Mozilla Firefox, Microsoft Edge): For automating functional testing.
2. Apache JMeter: For performance testing and simulating various user loads.
3. Postman: For API testing, including endpoint testing, request/response validation, and API performance testing.
4. TestRail: For test management, test case organization, progress tracking and test result reporting.

1.5 Browser Compatibility

Due to variations in browser behavior, the test plan has been executed on multiple browsers to ensure consistent functionality and usability across different platforms.



2 Test Plans

2.1 Home

Test Case Number	1.1 Valid Keyword Search
Prerequisites	
Test Case Steps	<ol style="list-style-type: none">1. Go to the Home page.2. Click on the search field located in the top right corner to open it.3. Enter a valid keyword into the search field.4. Press the Enter key to initiate the search.
Expected Result	Only the photos matching the entered keyword should be displayed.
Actual Result	Only the photos matching the entered keyword are displayed.
Pass/ Fail	Pass ✓

Test Case Number	1.2 Invalid Keyword Search
Prerequisites	
Test Case Steps	<ol style="list-style-type: none">1. Go to the Home page.2. Click on the search field to open it.3. Enter an invalid keyword into the search field.4. Press the Enter key to initiate the search.
Expected Result	No photos should be displayed and a notification "There are no photos that matches search term." should be displayed. Alternatively, relevant search results containing the term in their title or description should be displayed.
Actual Result	The outcome of the entered search term "sdm" results in 10 photos, none of which had the term "sdm" in their titles or descriptions.
Pass/ Fail	Fail ✗



Test Case Number	1.3 Empty Search Field
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Home page. 2. Click on the search field to open it. 3. Press the Enter key to initiate the search.
Expected Result	The search should not be initiated and the text input field should remain empty. Optionally, a notification may appear, instructing the user to enter search criteria.
Actual Result	The search does not initiate and the text input field remains empty. Note: No notification is observed.
Pass/ Fail	Pass ✓

Test Case Number	1.4 Search with "Space" Character
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Home page. 2. Click on the search field to open it. 3. Enter the character "space" multiple times into the search field. 4. Press the Enter key to initiate the search.
Expected Result	No photos should be displayed and a notification "There are no photos that matches search term." should be displayed, along with an error notification "The request is invalid."
Actual Result	No photos are displayed and a notification " There are no photos that matches search term. " is displayed. Note: Error notification " The request is invalid. " is not readily noticeable as it is obscured by the logo.
Pass/ Fail	Pass ✓

Test Case Number	1.4.1 Search with special characters other than the "Space" character
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Home page. 2. Click on the search field to open it. 3. Enter the special character into the search field (e.g., ! @ # \$ % ^ & * () - _ + = { } [] \ : ; ' " < > , . ? / © ® ™ ° μ ÷

Test Case Number	1.4.2 Search by Photo Date
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Home page. 2. Click on the search field to open it. 3. Enter a random valid date in the format specified on the photo (mm/dd) into the search field. 4. Press the Enter key to initiate the search.
Expected Result	<p>If there is a photo that matches the entered date, the photo should be display.</p> <p>If there are no photos that match the entered date, a notification "There are no photos that matches search term." should be displayed.</p>
Actual Result	The outcome of the entered search term "01/01" results in the 404 status code page.
Pass/ Fail	Fail ✖

Photo Gallery: Test Plans



Pass/ Fail	Fail ✖
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Test Case Number	1.6 Search Case Insensitivity
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Home page. 2. Click on the search field to open it. 3. Enter a valid keyword in lowercase into the search field. 4. Press the Enter key to initiate the search. 5. Repeat steps 3 and 4 until you get search results. 6. Go back to the Home page. 7. Click on the search field to open it. 8. Enter the same keyword from step 3 in uppercase into the search field. 9. Press the Enter key to initiate the search.
Expected Result	The search should be case-insensitive, displaying photos regardless whether the keyword was entered in lowercase or in uppercase.
Actual Result	The search is case-insensitive.
Pass/ Fail	Pass ✔

Test Case Number	1.7 Partial Keyword Search
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Home page. 2. Click on the search field to open it. 3. Enter partial input into the search field. 4. Press the Enter key to initiate the search.
Expected Result	Only the photos containing the entered partial keyword in their titles or descriptions should be displayed.
Actual Result	Only the photos containing the entered partial keyword in their titles or descriptions are displayed. If the entered number sequence contains only two digits, relevant photos are not displayed as expected.
Pass/ Fail	Fail ✖



Test Case Number	1.8 Multiple Keyword Search
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Home page. 2. Click on the search field to open it. 3. Enter multiple keywords into the search field. 4. Press the Enter key to initiate the search.
Expected Result	Only relevant search results, containing all the entered keywords in their titles or descriptions, should be displayed. Alternatively, no photos should be displayed and a notification "There are no photos that matches search term." should be displayed.
Actual Result	The outcome of the entered search term "two three" displays 4 photos matching only one of the multiple keywords in their titles or descriptions, while none of the photos meet both entered criteria, resulting in inconsistent search results.
Pass/ Fail	Fail ✖

Test Case Number	1.9 Excessively Long Keyword Search
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Home page. 2. Click on the search field to open it. 3. Enter an excessively long keyword (containing more than 100 characters) into the search field. 4. Press the Enter key to initiate the search.
Expected Result	No photos should be displayed and a notification "There are no photos that matches search term." should be displayed.
Actual Result	No photos are displayed and a notification " There are no photos that matches search term. " is displayed.
Pass/ Fail	Pass ✔

Test Case Number	1.10 "Description" Keyword Search
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Home page.



	<ol style="list-style-type: none"> Click on the search field to open it. Enter the "description" keyword into the search field. Press the Enter key to initiate the search.
Expected Result	Only search results containing the entered keyword "description" in their titles or descriptions should be displayed, excluding photos with the notice "No description available". Alternatively, no photos should be displayed and a notification "There are no photos that matches search term." should be displayed.
Actual Result	Only relevant search results are displayed, excluding photos with the notice "No description available".
Pass/ Fail	Pass ✓

Test Case Number	2.1 Verifying Consistency of Photo Search Results
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> Go to the Home page. Click on the search field to open it. Enter "pas" into the search field. Press the Enter key to initiate the search. Count search results. Select a photo and click on it to open it. Click on the "X" mark to close the photo. Count search results again.
Expected Result	Consistency in the number of search results.
Actual Result	After opening and closing search results multiple times, the initially displayed 6 photos decrease to only 3 photos, instead of maintaining the expected 6 photos.
Pass/ Fail	Fail ✗

Test Case Number	2.2 Photo Technical Details Discrepancy
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> Go to the Home page. Click on the search field to open it.



	<ol style="list-style-type: none"> Enter the keyword "pas" into the search field. Press the Enter key to initiate the search. Open each photo and extract the following technical details: <ul style="list-style-type: none"> F-number Camera model Focal length ISO Exposure time Compare the obtained technical details and assess the level of detail in the photos.
Expected Result	<p>The purpose of this test case is to identify any discrepancies or variations in the technical details of the photos displayed into the search results.</p> <p>The variations in technical details will be examined to assess their potential impact on differences in photo quality and to ensure consistency in the displayed information.</p>
Actual Result	Photos exhibit variations in technical details.
Pass/ Fail	o N/A (This test case aims to identify discrepancies rather than pass/fail criteria.)

Test Case Number	3.1 Photo Gallery scrolling
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> Go to the Home page. Click on the "Display photos" button at the bottom of the screen to access the photo gallery. Verify that the initial set of photos from the list is displayed, while the remaining photos are not visible due to the screen size limitation. Scroll down and verify that new groups of photos appear as the scroll bar moves. Ensure that the order of photos changes correctly during scrolling, with newer photos appearing at the top while older photos move toward the bottom of the list. Scroll up and verify that the previous group of photos is displayed as the scroll bar moves backward. Upon reaching the top of the scroll bar, the initial set of photos should reappear and no photos preceding the initial display should be visible. Click on the "Display photos" button again and verify that the photo gallery closes.
Expected Result	Clicking on the "Display photos" button should access the photo gallery with smooth scrolling and clicking it again should close it.
Actual Result	Clicking on the "Display photos" button accesses the photo gallery with smooth scrolling and clicking it again closes it.
Pass/ Fail	Pass ✓



Test Case Number	3.2 Simulating Counting Photos in the Gallery
Prerequisites	<ul style="list-style-type: none"> Automated script is set up and configured.
Test Case Steps	<ol style="list-style-type: none"> Run the automated script designed for simulating photo counting. The script opens the photo gallery in both Chrome and Firefox browsers, scrolls down to the end of the page as long as photos continue to load and counts the visible photo icons. After counting all photo URLs, the script performs a comparison between the Chrome and the Firefox output files.
Expected Result	<p>In both Chrome and Firefox browsers, the test should yield the same number of available photos after the scrolling simulation.</p> <p>Pass/Fail Criteria:</p> <ul style="list-style-type: none"> ✓ If the photo gallery opens consistently in both Chrome and Firefox browsers and the number of photos counted matches, the test is considered successful. ✗ If a photo is missing in one browser compared to the other or if there is a discrepancy in the counted numbers, the test fails.
Actual Result	<p>In the Chrome browser, a total of 1373 photos were detected during a counting simulation. Conversely, in the Firefox browser, a total of 1379 photos were detected during the same simulation. A discrepancy of 19 photos was observed between the two browsers.</p> <p>Photo URLs Exclusive to Chrome (4 Differences):</p> <ul style="list-style-type: none"> ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/QCNNhRwfFKA6ReFm5WgY81.job.jpg ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/I5f9uqUO8KwySLONwbzHHF.slika2.jpg ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/GDUkz061XwJNSo5MKet6K1.11.jpg ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/GDUkz061XwJNSo5MKet6K1.k.jpg <p>Photo URLs Exclusive to Firefox (15 Differences):</p> <ul style="list-style-type: none"> ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/1AgfQxj1yQ5DtoU4iPU5B5.bender.jpg ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/VqFPIrIJQ4M7YrNs4Gzk53.oooooaaa.jpg ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/GDUkz061XwJNSo5MKet6K1.223.jpg ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/VRu2NqC5YakPsbxO6UPUP0.testimage2.jpg ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/GDUkz061XwJNSo5MKet6K1.istockphoto12211568672048x2048.jpg ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/WwSw079I0aQu0BuebAucu3.99158872152594203091316035422mmm41047214030848n.jpg ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/IUvNAleqc4oBRzsls6SJZ6.Autumn123.jpg ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/ziV9DSCS0gPNF4MungryR2.viberslika00949390490430439034020210105081014q.jpg

	<ul style="list-style-type: none"> ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/HMoQAKWsqg6cpBv8c0YyF0.dog.jpeg ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/pyjzz5ZsRMWqTB8yafGXj1.7676767676767677.jpg ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/BHyN3RVUoQNC7a2YI5U087.romans5.jpg ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/Q19IUkf7U4Av7TQq22A750.gallerytest.jpg ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/bVMIY1meq4AWaSECO2bRm1.received186371409998551a.jpeg ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/GDUkz061XwJNSo5MKet6K1.60.jpg ❖ https://api.baasic.com/v1/starterkit-media-gallery/file-streams/9cybkKhOowP1lqX2n8PHX0.newyork.jpg
Pass/ Fail	Fail ❌

[illegible]

Test Case Number	4 Verifying Expansion of Logo Icon and Link to the Menu Page
Prerequisites	



Test Case Steps	<ol style="list-style-type: none">1. Go to the Home page.2. Hover the mouse pointer over the dropdown menu (logo) in the top left corner.3. Verify that the logo transforms into a dropdown menu with clickable links to the Home page (logo) and the Menu page.4. Click on the "Menu" option to navigate to the Menu page.
Expected Result	Placing the mouse pointer over the logo icon should expand content, clicking the "Menu" button should confirm the Menu page link and smoothly redirect to the Menu page.
Actual Result	Successful expansion of the logo icon and redirection to the Menu page.
Pass/ Fail	Pass ✓

2.2 Register

Test Case Number	5.1 Registration with Valid Credentials
Prerequisites	
Test Case Steps	<ol style="list-style-type: none">1. Go to the Registration page.2. Enter a valid email address into the email field.3. Fill in the remaining required fields (username, password, password confirmation).4. Click the "Register" button.
Expected Result	The registration form should be submitted and the notification "You have successfully registered, please check your email in order to finish registration process." should be displayed.
Actual Result	The registration form has been submitted and the notification " You have successfully registered, please check your email in order to finish registration process. " is displayed.
Pass/ Fail	Pass ✓

Test Case Number	5.2 Registration with Invalid Email Address
Prerequisites	
Test Case Steps	<ol style="list-style-type: none">1. Go to the Registration page.2. Enter an invalid email address into the email field (e.g., a missing "@" symbol).3. Fill in the remaining required fields (username, password, password confirmation).



	4. Click the "Register" button.
Expected Result	The registration form submission should be prevented until a valid email address is entered and an error notification "Please enter the correct email address!" should be displayed.
Actual Result	The registration form submission is prevented until a valid email address is entered. Note: If a period (".") is missing from the domain name, the error notification is not displayed as a warning.
Pass/ Fail	Pass ✓

Test Case Number	5.3 Registration with Registered Email Address
Prerequisites	<ul style="list-style-type: none"> Registered user account.
Test Case Steps	<ol style="list-style-type: none"> Go to the Registration page. Enter the registered user email address into the email field. Fill in the remaining required fields (username, password, password confirmation). Click the "Register" button.
Expected Result	The registration form submission should be prevented until an unregistered email address is entered and an error notification "This email is already registered!" should be displayed.
Actual Result	The registration form submission is prevented until an unregistered email address is entered and an error notification " This email is already registered! " is displayed.
Pass/ Fail	Pass ✓

Test Case Number	5.4 Registration Username Availability
Prerequisites	<ul style="list-style-type: none"> Registered user account.
Test Case Steps	<ol style="list-style-type: none"> Go to the Registration page. Enter a username that is already taken into the username field. Fill in the remaining required fields (email, password, password confirmation). Click the "Register" button.
Expected Result	The registration form submission should be prevented until a unique username is entered and an error notification "Username taken!" should be displayed.
Actual Result	The registration form submission is prevented until a unique username is entered and an error notification " Username taken! " is displayed.
Pass/ Fail	Pass ✓



Test Case Number	5.5 Registration with Multiple Words in Username
Prerequisites	
Test Case Steps	<ol style="list-style-type: none">1. Go to the Registration page.2. Enter a username with multiple words into the username field.3. Fill in the remaining required fields (email, password, password confirmation).4. Click the "Register" button.
Expected Result	The registration form should be submitted and the notification "You have successfully registered, please check your email in order to finish registration process." should be displayed.
Actual Result	The registration form has been submitted and the notification " You have successfully registered, please check your email in order to finish registration process. " is displayed.
Pass/ Fail	Pass ✓

Test Case Number	5.6 Registration with Alphanumeric and Special Character Combination Username
Prerequisites	
Test Case Steps	<ol style="list-style-type: none">1. Go to the Registration page.2. Enter a username with alphanumeric and special character combination into the username field.3. Fill in the remaining required fields (email, password, password confirmation).4. Click the "Register" button.
Expected Result	The registration form should be submitted and the notification "You have successfully registered, please check your email in order to finish registration process." should be displayed.
Actual Result	The registration form has been submitted and the notification " You have successfully registered, please check your email in order to finish registration process. " is displayed.
Pass/ Fail	Pass ✓

Test Case Number	5.7 Registration Password Length
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Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Registration page. 2. Enter a password with a maximum of 6 characters into the password field. 3. Fill in the remaining required fields (email, username, password confirmation). 4. Click the "Register" button.
Expected Result	The registration form submission should be prevented until a password with sufficient length is entered and an error notification "Password too short." should be displayed since the minimum length is 7 characters.
Actual Result	<p>The registration form submission is prevented until a password with sufficient length is entered and an error notification "Password too short." is displayed.</p> <p>Note: The notification about the minimum password length is missing.</p>
Pass/ Fail	Pass ✓

Test Case Number	5.8 Registration with Password Confirmation Mismatch
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Registration page. 2. Enter a password into the password field. 3. Enter a different value into the password confirmation field. 4. Fill in the remaining required fields (email, username). 5. Click the "Register" button.
Expected Result	The registration form submission should be prevented until the password confirmation matches the entered password and an error notification "Passwords do not match." should be displayed.
Actual Result	The registration form submission is prevented until the password confirmation matches the entered password and an error notification " Passwords do not match. " is displayed.
Pass/ Fail	Pass ✓

Test Case Number	5.9 Registration with Alphanumeric and Special Character Combination in Password
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Registration page. 2. Enter a password with alphanumeric and special character combinations into the password field.



	<ol style="list-style-type: none"> Fill in the remaining required fields (email, username, confirm password). Click the "Register" button.
Expected Result	The registration form should be submitted and the notification "You have successfully registered, please check your email in order to finish registration process." should be displayed.
Actual Result	The registration form has been submitted and the notification " You have successfully registered, please check your email in order to finish registration process. " is displayed.
Pass/ Fail	Pass ✓

Test Case Number	6.1 Email Confirmation Link Redirection
Prerequisites	<ul style="list-style-type: none"> User registration has been submitted. Access to the registered email account.
Test Case Steps	<ol style="list-style-type: none"> Check the registered email account for the email with the subject "Account activation - starterkit-media-gallery" and open it. Locate the account activation link and click on it.
Expected Result	Clicking on the account activation link should redirect to the Confirmation page.
Actual Result	The link redirects to a confirmation page.
Pass/ Fail	Pass ✓

Test Case Number	6.2 Account Activation Confirmation
Prerequisites	<ul style="list-style-type: none"> The Pass/Fail condition for Test Case 6.1 is set to "PASS". User registration has been submitted. Access to the registered email account.
Test Case Steps	<ol style="list-style-type: none"> Execute the steps of Test Case 6.1. Click on the "Activate Account" button.
Expected Result	Clicking on the "Activate Account" button on the Confirmation page should redirect to the Login page.
Actual Result	Clicking on the "Activate Account" button redirects to the Login page.
Pass/ Fail	Pass ✓



2.3 Login

Test Case Number	7.1 Login with Valid Credentials
Prerequisites	<ul style="list-style-type: none"> Registered user account.
Test Case Steps	<ol style="list-style-type: none"> Go to the Login page. Enter valid login credentials. Click on the "Login" button.
Expected Result	The user should be logged in.
Actual Result	User is logged in.
Pass/ Fail	Pass ✓

Test Case Number	7.2 Login before Account Activation
Prerequisites	<ul style="list-style-type: none"> User registration has been submitted with the email confirmation link pending.
Test Case Steps	<ol style="list-style-type: none"> Go to the Login page. Enter the registered user credentials before the account is activated. Click on the "Login" button.
Expected Result	The user should not be logged in and an error notification "Invalid email, username or password" should be displayed.
Actual Result	The user is not logged in and an error notification " Invalid email, username or password " is displayed.
Pass/ Fail	Pass ✓

Test Case Number	7.3 Login with Uppercase/Lowercase Username
Prerequisites	<ul style="list-style-type: none"> Registered user account.
Test Case Steps	<ol style="list-style-type: none"> Go to the Login page. Enter a valid username in uppercase. Enter a valid password. Click the "Login" button. If the user is logged in go to the Menu page and log out, otherwise stay on the Login page. Enter a valid username in lowercase.



	<ol style="list-style-type: none"> 7. Enter a valid password. 8. Click the "Login" button.
Expected Result	This test case verifies that login is allowed with usernames in both uppercase and lowercase letters. The user should be logged in in both cases.
Actual Result	User is logged in in both cases.
Pass/ Fail	Pass ✓

Test Case Number	7.4 Login with Uppercase/Lowercase Password
Prerequisites	<ul style="list-style-type: none"> • Registered user account.
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Login page. 2. Enter a valid username. 3. Enter the valid password in uppercase. 4. Click the "Login" button. 5. If the user is logged in, log out; otherwise, stay on the Login page. 6. Enter a valid username. 7. Enter the valid password in lowercase. 8. Click the "Login" button. 9. If the user is logged in, log out; otherwise, stay on the Login page. 10. Enter a valid username. 11. Enter a valid password in its registered case form. 12. Click the "Login" button.
Expected Result	<p>This test case verifies that login is allowed only in its registered case form (e.g., "password" and "Password" will be considered different).</p> <p>The user should be logged in only if the password is entered in its registered case form. If the user enters the password in any other letter casing, the user should not be logged in and should remain on the Login page.</p>
Actual Result	The user is logged in only if the password is entered in its registered case form. If the user enters the password in any other letter casing, the user is not logged in and remains on the Login page.
Pass/ Fail	Pass ✓

Test Case	7.5 Login with an Invalid Username
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Number	
Prerequisites	<ul style="list-style-type: none"> Registered user account.
Test Case Steps	<ol style="list-style-type: none"> Go to the Login page. Enter an invalid username. Enter a valid password. Click the "Login" button.
Expected Result	The user should not be logged in and an error notification "Invalid email, username or password" should be displayed.
Actual Result	The user is not logged in and an error notification " Invalid email, username or password " is displayed.
Pass/ Fail	Pass ✓

Test Case Number	7.6 Login with an Invalid Password
Prerequisites	<ul style="list-style-type: none"> Registered user account.
Test Case Steps	<ol style="list-style-type: none"> Go to the Login page. Enter a valid username. Enter an invalid password. Click the "Login" button.
Expected Result	The user should not be logged in and an error notification "Invalid email, username or password" should be displayed.
Actual Result	The user is not logged in and an error notification " Invalid email, username or password " is displayed.
Pass/ Fail	Pass ✓

Test Case Number	7.6.1 Verifying Locking Account After Five Invalid Login Attempts
Prerequisites	<ul style="list-style-type: none"> Registered user account.
Test Case Steps	<ol style="list-style-type: none"> Execute the steps of Test Case 7.6. Repeat step 4 from Test Case 7.6 four more times. Try to log in again with a valid password.
Expected Result	Login form submission should be further prevented and clear instructions on how to unlock the account or contact customer support should be provided. Additionally, an error notification "User is locked." should be displayed.
Actual Result	Login form submission is further prevented but no instructions on how to unlock the account or contact customer support are provided. An error notification " User is locked. " is displayed, though. The test is considered failed due to the missing guidance for users.



Pass/ Fail	Fail ✖
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Test Case Number	7.7 Facebook Account Link
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Login page. 2. Click on the "Sign in with Facebook" link.
Expected Result	The user should be redirected to the Facebook application for authentication.
Actual Result	Instead of redirecting the user to the Facebook application for authentication, an error notification "undefined: Social login configuration not found." is displayed.
Pass/ Fail	Fail ✖

Test Case Number	7.8 Twitter Account Link
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Login page. 2. Click on the "Sign in with Twitter" link.
Expected Result	The user should be redirected to the Twitter application for authentication.
Actual Result	Instead of redirecting the user to the Twitter application for authentication, an error notification "undefined: Social login configuration not found." is displayed.
Pass/ Fail	Fail ✖

Test Case Number	7.9 Google Account Link
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Login page. 2. Click on the "Sign in with Google" link.
Expected Result	The user should be redirected to the Google application for authentication.
Actual Result	Instead of redirecting the user to the Google application for authentication, an error notification "undefined: Social login configuration not found." is displayed.



	configuration not found. is displayed.
Pass/ Fail	Fail ✖

Test Case Number	7.10 GitHub Account Link
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Login page. 2. Click on the "Sign in with Github" link.
Expected Result	The user should be redirected to the GitHub application for authentication.
Actual Result	Instead of redirecting the user to the GitHub application for authentication, an error notification "undefined: Social login configuration not found." is displayed.
Pass/ Fail	Fail ✖

Test Case Number	8.1 Redirect to the Password Recovery Page
Prerequisites	
Test Case Steps	<ol style="list-style-type: none"> 1. Go to the Login page. 2. Click on the "Forgot Your Password? Recover Your Password Here!" link.
Expected Result	The user should be redirected to the Password Recovery page.
Actual Result	The user is redirected to the Password Recovery page.
Pass/ Fail	Pass ✔

Test Case Number	8.2 Recover Password with Valid Email Address
Prerequisites	<ul style="list-style-type: none"> • The Pass/Fail condition for Test Case 8.1 is set to "PASS". • Registered user account.
Test Case Steps	<ol style="list-style-type: none"> 1. Execute the Test Case 8.1. 2. Enter the registered user email address in the email field. 3. Click the "Recover Password" button.



Expected Result	A notification "Please check your email in order to finish password recovery process." should be displayed.
Actual Result	A notification " Please check your email in order to finish password recovery process. " is displayed.
Pass/ Fail	Pass ✓

Test Case Number	8.3 Recover Password with Invalid Email Address
Prerequisites	<ul style="list-style-type: none"> The Pass/Fail condition for Test Case 8.1 is set to "PASS".
Test Case Steps	<ol style="list-style-type: none"> Execute the Test Case 8.1. Enter an invalid email address into the email field (e.g., a missing "@" symbol). Click the "Recover Password" button.
Expected Result	The user should not be logged in and an error notification "Please enter the correct email address" should be displayed.
Actual Result	<p>The user is not logged in.</p> <p>Note: An error notification "Please enter the correct email address" is displayed in case the "@" symbol is missing. However, in case a period (".") is missing from the domain name, the displayed error notification is "Unknown user.".</p>
Pass/ Fail	Pass ✓

Test Case Number	8.4 Recover Password with Unregistered Email Address
Prerequisites	<ul style="list-style-type: none"> The Pass/Fail condition for Test Case 8.1 is set to "PASS".
Test Case Steps	<ol style="list-style-type: none"> Execute the Test Case 8.1. Enter a valid unregistered email address into the email field. Click the "Recover Password" button.
Expected Result	The user should not be logged in and an error notification "Unknown user." should be displayed.
Actual Result	The user is not logged in and an error notification " Unknown user. " is displayed.
Pass/ Fail	Pass ✓

Test Case Number	8.5 Recover Password via Email
Prerequisites	<ul style="list-style-type: none"> The Pass/Fail condition for Test Case 8.2 is set to "PASS".



	<ul style="list-style-type: none"> Registered user account. Access to the registered email account.
Test Case Steps	<ol style="list-style-type: none"> Check the registered email account for the email with the subject "Password Recovery - starterkit-media-gallery" and open it. Locate the password recovery link and click on it.
Expected Result	Clicking on the password recovery link should redirect to a password reset page, allowing for the resetting of a forgotten password.
Actual Result	When clicking on the password recovery link, it redirects to a page with a 404 status code instead of a password reset page. The link to the 404 status code page is http://demo.baasic.com/passwordReset?passwordRecoveryToken=cmQg5e9iTk-LN2VrYLN0maA8IehpdtIO .
Pass/ Fail	Fail ✖

2.4 Profile

Test Case Number	9 Creating an Album with Mandatory Cover Photo
Prerequisites	<ul style="list-style-type: none"> User is logged in. Photo is available to be uploaded from the user's device.
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Click on the "Create album" button. Click on the "Back" button to verify its functionality. Click on the "Create album" button again. Enter the album name into the designated field. [Optional] Enter a description for the album in the designated field. Click on the "Save album" button. Click on the "Click to upload cover image" button. Click on the "Upload image" button. Select the photo to be uploaded and confirm it. [Optional] Rename the photo in the designated field. [Optional] Enter a description for the cover photo in the designated field. Click on the "Upload" button to upload the cover photo and create the album. Verify the uploaded cover photo thumbnail is displayed as the first on the list with visible data as specified: [album name] -



	<p>0 photos</p> <p>15. Click on the uploaded cover photo thumbnail to access the album.</p> <p>16. Verify data consistency of album's data: [album name] - 0 photos; Created by [username] on [current date] - Last updated on [current date]; Album description: [album description]</p>
Expected Result	New album creation should be successful and the album should be displayed on the user's profile with consistency in the provided album name and description, the uploaded cover photo should be associated. Until an album name is entered, an error notification "Name is required." should be displayed, along with prevented photo creation.
Actual Result	New album creation is successful and the album is displayed on the user's profile with consistency in the provided album name and description, the uploaded cover photo is associated. Until an album name is entered, an error notification " Name is required. " is displayed, along with prevented photo creation.
Pass/ Fail	Pass ✓

Test Case Number	9.1 Managing Overly Long Album Name
Prerequisites	<ul style="list-style-type: none"> User is logged in. Photo is available to be uploaded from the user's device. <p>Note: Please refer to Test Case Number 9 for comprehensive instructions on creating an album.</p>
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Click on the "Create album" button. Enter an excessively long album name into the designated field. Click on the "Save album" button. Click on the "Click to upload cover image" button. Upload the cover photo and create the album.
Expected Result	The system should promptly identify and restrict album creation with excessively long names by displaying an error message, ensuring compliance with character limits.
Actual Result	During the creation of an album with a name that surpasses the screen width, no warning or error message is presented. However, on the profile page, if the album name does not contain special characters it gets cut off and is visible only within the screen's boundaries. This leads to overlap with other album names and compromises readability. Additionally, deleting albums becomes challenging because the album deletion button extends beyond the screen's boundaries due to the length of the displayed album names.
Pass/ Fail	Fail ✗



Test Case Number	9.1.1 Managing Alphanumeric and Special Character Combinations in Album Name
Prerequisites	<ul style="list-style-type: none"> User is logged in. Photo is available to be uploaded from the user's device. <p>Note: Please refer to Test Case Number 9 for comprehensive instructions on creating an album.</p>
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Click on the "Create album" button. Enter an album name consisting of alphanumeric and special character combinations into the designated field. Click on the "Save album" button. Click on the "Click to upload cover image" button. Upload the cover photo and create the album.
Expected Result	The album with name containing various special characters should be uploaded ensuring data consistency.
Actual Result	The album is uploaded ensuring data consistency.
Pass/ Fail	Pass ✓

Test Case Number	9.2 Managing Overly Long Album Description
Prerequisites	<ul style="list-style-type: none"> User is logged in. Photo is available to be uploaded from the user's device. <p>Note: Please refer to Test Case Number 9 for comprehensive instructions on creating an album.</p>
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Click on the "Create album" button. Enter the album name into the designated field. Enter an excessively long album description into the designated field. Click on the "Save album" button. Click on the "Click to Upload Cover Image" button. Upload the cover photo and create the album.
Expected Result	The system should promptly identify and restrict album creation with excessively long descriptions by displaying an error message, ensuring compliance with character limits.
Actual Result	During the creation of an album if the description exceeds the screen width, there is no warning or error message. However, on the album page, the description is cut off if it does not contain special characters, making it visible only within the screen boundaries.
Pass/ Fail	Fail ✗



Test Case Number	9.2.1 Managing Alphanumeric and Special Character Combinations in Album Description
Prerequisites	<ul style="list-style-type: none"> User is logged in. Photo is available to be uploaded from the user's device. <p>Note: Please refer to Test Case Number 9 for comprehensive instructions on creating an album.</p>
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Click on the "Create album" button. Enter the album name into the designated field. Enter an album description consisting of alphanumeric and special character combinations into the designated field. Click on the "Save album" button. Click on the "Click to upload cover image" button. Upload the cover photo and create the album.
Expected Result	The album with a description containing exact special characters and numbers should be uploaded ensuring data consistency.
Actual Result	The album is uploaded ensuring data consistency.
Pass/ Fail	Pass ✓

Test Case Number	10 Uploading Photos to Album
Prerequisites	<ul style="list-style-type: none"> User is logged. There is an album created in the user's profile. Photo is available to be uploaded from the user's device.
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Select the album to which the photo will be uploaded. Access the selected album by clicking on its thumbnail to open it. Click on the "Upload photo" button. Click on the "Upload image" button. Select the photo to be uploaded and confirm it. [Optional] Rename the photo in the designated field. [Optional] Enter a description for the photo in the designated field. Click on the "Upload" button to upload the cover photo and create the album. Verify data consistency of the album's data after uploading a photo: [album name] – [number of photos in the album] photos; Created by [username] on [album creation date] - Last updated on [current date]; Album description: [album



	<p>description]</p> <ol style="list-style-type: none"> Go to the Home page. Click on the "Display photos" button to access the photo gallery. Scroll down and verify the uploaded photo thumbnail is displayed in the first line of the photo gallery. Scroll up upon reaching the top of the scroll bar and click on the search field to open it. Enter a photo name into the search field. Press the Enter key to initiate the search.
Expected Result	The photo should be added to the selected album with consistency in the provided album data. Furthermore, it should appear at the top of the photo gallery list on the Home page and be included in search results by its name.
Actual Result	The photo is added to the selected album with consistency in the provided album data. Furthermore, it appears at the top of the photo gallery list on the Home page and is included in search results by its name.
Pass/ Fail	Pass ✓

Test Case Number	10.1 Uploading Photos with Various Formats
Prerequisites	<ul style="list-style-type: none"> User is logged in. There is an album created in the user's profile. 3 photos in JPG/JPEG, PNG and GIF formats are available to be uploaded from the user's device. <p>Note: Please refer to Test Case 10 for comprehensive instructions on how to upload a photo.</p>
Test Case Steps	<ol style="list-style-type: none"> For all of the following photo formats (JPG/JPEG, PNG and GIF): <ul style="list-style-type: none"> Upload a photo with the specified formats.
Expected Result	A photo in JPG/JPEG format should be uploaded while for the GIF and PNG formats photo, an error notification "Allowed file types are: .jpeg / .jpg" should be displayed, along with preventing the upload.
Actual Result	A photo in JPG/JPEG format is uploaded while for the GIF and PNG formats photo, an error notification " Allowed file types are: .jpeg / .jpg " is displayed, along with preventing the upload.
Pass/ Fail	Pass ✓

Test Case Number	10.2 Uploading Photos with Various Dimensions
Prerequisites	<ul style="list-style-type: none"> User is logged in. There is an album created in the user's profile.



	<ul style="list-style-type: none"> 5 photos with the following dimensions are available to be uploaded from the user's device: 640x480, 1280x720, 1920x1080, 5028x3744 and 7680x4320. <p>Note: Please refer to Test Case 10 for comprehensive instructions on how to upload a photo.</p>
Test Case Steps	<ol style="list-style-type: none"> For each of the 5 photo dimensions (640x480, 1280x720, 1920x1080, 5028x3744, 7680x4320): <ul style="list-style-type: none"> Upload a photo with the specified dimensions.
Expected Result	The photo should be uploaded with the specified dimensions for each tested size.
Actual Result	The photo is uploaded with the specified dimensions for each tested size.
Pass/ Fail	Pass ✓

Test Case Number	11 Ensuring Unique File Names for Uploaded Photos
Prerequisites	<ul style="list-style-type: none"> User is logged in. There is an album created in the user's profile. Photo is available to be uploaded from the user's device. <p>Note: Please refer to Test Case 10 for comprehensive instructions on how to upload a photo.</p>
Test Case Steps	<ol style="list-style-type: none"> Upload a photo to a selected album. Attempt to upload the photo again using the same photo name. Click on the "Upload" button multiple times. Enter the unique photo name in the designated field. Click on the "Upload" button.
Expected Result	Until a unique photo name is entered, an error notification "Name taken, please choose another." should be displayed, along with prevented upload.
Actual Result	Until a unique photo name is entered, an error notification " Name taken, please choose another. " is displayed, along with prevented upload.
Pass/ Fail	Pass ✓

Test Case Number	11.1 Preventing Duplicate Photo Names Across Different User Accounts
Prerequisites	<ul style="list-style-type: none"> There are multiple user accounts on the system. Each user has at least one album. Photo is available to be uploaded from each user's device.



	Note: Please refer to Test Case 10 for comprehensive instructions on how to upload a photo.
Test Case Steps	<ol style="list-style-type: none"> 1. Log in to the first user account. 2. Upload a photo with a specific name. 3. Log in to the second user account. 4. Attempt to upload a photo with the same name previously used in step 2.
Expected Result	Uploading of the same photo with the same name across different user accounts should be prevented.
Actual Result	Uploading the same photo with the same name across different user accounts is allowed.
Pass/ Fail	Fail ✖

Test Case Number	12.1 Managing Overly Long Photo Name
Prerequisites	<ul style="list-style-type: none"> • User is logged in. • There is an album created in the user's profile. • Photo is available to be uploaded from the user's device. Note: Please refer to Test Case 10 for comprehensive instructions on how to upload a photo.
Test Case Steps	<ol style="list-style-type: none"> 1. Attempt to upload a photo using an excessively long name. 2. Click on the "Upload" button multiple times. 3. Go to the Home page. 4. Click on the "Display photos" button to access the photo gallery. 5. Scroll down and verify if the uploaded photo thumbnail is displayed in the first line of the photo gallery. 6. Open the search field and enter the partial photo name into the search field. 7. Press the Enter key to initiate the search.
Expected Result	An error notification should be displayed, indicating that the photo name is too long to be accepted and the uploading process should be prevented due to the overly long photo name.
Actual Result	During upload attempts, an error notification " Name taken, please choose another. " is displayed, indicating the wrong issue. This occurs even though the photo has been uploaded three times to the photo gallery and no search results are found using the photo's name.
Pass/ Fail	Fail ✖

Test Case Number	12.1.1 Managing Alphanumeric and Special Character Combinations in Photo Names
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Prerequisites	<ul style="list-style-type: none"> User is logged in. There is an album created in the user's profile. Multiple photos are available to be uploaded from the user's device. <p>Note: Please refer to Test Case 10 for comprehensive instructions on how to upload photos.</p>
Test Case Steps	<ol style="list-style-type: none"> Upload a photo using a name with special characters. Delete the uploaded photo. Upload another photo using a name with random special characters. Verify the photo's data consistency within the album. Select the uploaded photo and click on it to open it. Verify the photo's data consistency.
Expected Result	The entire test case should successfully verify the ability to upload photos with names containing various special characters and delete and view photos within an album, ensuring data consistency and the proper functioning of the platform.
Actual Result	Challenges related to uploading photos with names containing only special characters include the ability to upload photos without names, displaying an inaccurate notification " Name is taken, please choose another. " and inconsistencies in photo display compared to its thumbnail view (the persistence of the thumbnail displaying the originally uploaded photo with special characters in its name).
Pass/ Fail	Fail ✖

Test Case Number	12.2 Managing Overly Long Photo Description
Prerequisites	<ul style="list-style-type: none"> User is logged in. There is an album created in the user's profile. Photo is available to be uploaded from the user's device. <p>Note: Please refer to Test Case 10 for comprehensive instructions on how to upload a photo.</p>
Test Case Steps	<ol style="list-style-type: none"> Attempt to upload a photo using an excessively long description multiple times. Go to the Home page. Click on the "Display photos" button to access the photo gallery. Scroll down and verify if the uploaded photo thumbnail is displayed in the first line of the photo gallery. Open the search field and enter the partial photo name into the search field. Press the Enter key to initiate the search.
Expected Result	Photo with an excessively long description should be uploaded, making it searchable and displayed in the photo gallery.
Actual Result	Photo is uploaded, making it searchable and displayed within the photo gallery. Additionally, photo description is occasionally cut off (limited to a maximum of 100 characters before and after spaces, despite the allowed capacity of over 1000 characters).



Pass/ Fail	Pass ✓
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Test Case Number	12.2.1 Managing Alphanumeric and Special Character Combinations in Photo Description
Prerequisites	<ul style="list-style-type: none"> User is logged in. There is an album created in the user's profile. Photo is available to be uploaded from the user's device. <p>Note: Please refer to Test Case 10 for comprehensive instructions on how to upload a photo.</p>
Test Case Steps	<ol style="list-style-type: none"> Upload a photo using a description with special characters. Verify the photo's data consistency within the album. Select the uploaded photo and click on it to open it. Verify the photo's data consistency.
Expected Result	The photo with a description containing various special characters should be uploaded ensuring data consistency.
Actual Result	The photo with a description containing various special characters is uploaded ensuring data consistency.
Pass/ Fail	Pass ✓

Test Case Number	13 Displaying Photos Within the Album
Prerequisites	<ul style="list-style-type: none"> User is logged. There is an album containing at least 7 photos created in the user's profile.
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Select an album containing at least 7 photos and click on it to access it. Verify that the photos within the album are displayed within the screen boundaries. Scroll down and verify that all photos remain within the visible portion of the screen. Scroll up and verify whether the photos maintain their original order when scrolling back.
Expected Result	While scrolling through the album, photos should consistently stay visible within the screen boundaries and navigation should work smoothly. The photos should also maintain their original order during scrolling.
Actual Result	While scrolling through the album, photos consistently stay visible within the screen boundaries and maintain their original order. Navigation works smoothly.
Pass/ Fail	Pass ✓



Test Case Number	14 Accessing Individual Photos Within the Album
Prerequisites	<ul style="list-style-type: none"> User is logged in. There is a multiple-photo album created in the user's profile.
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Select a multiple-photo album and click on it to access it. Click on each photo in the album and then click on the "Close photo" button.
Expected Result	The user should access and view the photos in the album without any issues.
Actual Result	<p>While attempting to access and view the photos in the album, an issue is observed: the photos at even positions (2, 4, 6, 8 and 10) are displayed correctly while the photos at odd positions (1, 3, 5, 7, 9 and 11) result in a page with a 404 status code.</p> <p>Upon clicking on the preview link of the photo positioned in the 1st place in the album: It redirects to an invalid link http://demo.baasic.com/angular/starterkit-photo-gallery/photo/detail/rmgLtxRzKoRDPTWp0861J2/x. While the valid redirection link is http://demo.baasic.com/angular/starterkit-photo-gallery/photo/detail/rmgLtxRzKoRDPTWp0861J2/KfkFkU07EaMIsB1c0GFf43.</p> <p>The link to the photo is https://api.baasic.com/v1/starterkit-media-gallery/file-streams/FCtPXjmZ6qsPfSwKGHmxw3.luggage114928912804e368e.jpg.</p> <p>The difference between valid and invalid links is in the last segment of the path. The valid link has /KfkFkU07EaMIsB1c0GFf43, while the invalid link has /x.</p>
Pass/ Fail	Fail ✖

Test Case Number	15 Navigating Through Photos Within the Album
Prerequisites	<ul style="list-style-type: none"> User is logged in. Photos were uploaded on a specific date in the user's profile.
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Select the album containing photos uploaded on a specific date and click on it to access it. Select an even-positioned photo from those uploaded on a specific date and click on it to open it. Verify that photos change in the expected order when clicking the left arrow. Verify that photos also change correctly when clicking the right arrow. Verify that the photo title and description update automatically based on the displayed photo. Additionally, ensure that the photo's ordinal number and upload date are accurately displayed.
Expected Result	Album and photo selections should consistently display visibility, featuring navigation arrows and automatic updates for accurate



	photo titles, descriptions, ordinal numbers, and upload dates.
Actual Result	The photo thumbnail accurately shows the upload date but when opened, it displays a one-day-ahead date, indicating that the inconsistency is not due to time zones. Note: The test case is marked as failed due to date display inconsistency but the navigation functionality itself is working as expected.
Pass/ Fail	Fail ✖

Test Case Number	16 Zooming In and Out
Prerequisites	<ul style="list-style-type: none"> User is logged in. There is a multiple-photo album created in the user's profile.
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Select a multiple-photo album and click on it to access it. Select an even-positioned photo and click on it to open it. Right-click on the photo and click on the "Open image in new tab" option. In the new tab, perform a zoom-in action by clicking on the photo. Perform a zoom-out action by clicking on the photo. Return to the original tab with the album. Click on the right arrow to view the next photo in the album. Repeat steps 4-8 for all photos in the album, proceeding through each photo.
Expected Result	The zoom-in and zoom-out actions should be enabled and functional on each photo, providing users with a seamless zooming experience throughout the entire album.
Actual Result	<p>There is no consistent zoom functionality across all photos. Out of the 10 photos tested, the zoom functionality was observed to be unavailable on 4 photos.</p> <p>The lack of functionality is most likely due to photo attributes, even though the format and dimensions are within acceptable limits. The following are the specific attributes of the 4 photos with unavailable zoom functionality:</p> <ul style="list-style-type: none"> ❖ Format: JPEG, Dimensions: 1280x640 pixels ❖ Format: JPEG, Dimensions: 1280x750 pixels ❖ Format: JPEG, Dimensions: 800x400 pixels ❖ Format: JPEG, Dimensions: 1280x750 pixels.
Pass/ Fail	Fail ✖



Test Case Number	17.1 Downloading Photo from Album
Prerequisites	<ul style="list-style-type: none"> User is logged in. There is a multiple-photo album created in the user's profile. Adequate space is available on the user's device for the downloaded photo.
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Select a multiple-photo album and click on it to access it. Select an even-positioned photo and click on it to open it. Right-click on the photo and click on the "Open image in new tab" option. In the new tab, right-click on the photo and click on the "Save image as..." option. Select a location on a device where the downloaded photo will be saved and click on the "Save" button.
Expected Result	The photo should be downloaded to the selected location and it should be correct, opening without any issues.
Actual Result	The photo is downloaded to the selected location and it is correct, opening without any issues.
Pass/ Fail	Pass ✓

Test Case Number	17.2 Downloading Photo from Gallery
Prerequisites	<ul style="list-style-type: none"> Adequate space is available on the user's device for the downloaded photo.
Test Case Steps	<ol style="list-style-type: none"> Go to the Home page. Click on the "Display photos" button at the bottom of the screen to access the photo gallery. Scroll down, select a photo for downloading and click on it to open it. Right-click on the photo and click on the "Open image in new tab" option. In the new tab, right-click on the photo and click on the "Save image as..." option. Select a location on a device where the downloaded photo will be saved and click on the "Save" button.
Expected Result	The photo should be downloaded to the selected location and it should be correct, opening without any issues.
Actual Result	The photo is downloaded to the selected location and it is correct, opening without any issues.
Pass/ Fail	Pass ✓

Test Case Number	18 Changing Album Cover Photo
Prerequisites	<ul style="list-style-type: none"> User is logged in.



	<ul style="list-style-type: none"> There is a photo album created in the user's profile. Photo is available to be uploaded from the user's device.
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Select the album, hover the mouse pointer over its thumbnail and click on the "Upload" button to upload the new cover photo. Verify that the respective album's cover photo has been changed without any loss of photos within the album.
Expected Result	The newly uploaded cover photo should be displayed as the album cover and no data should be lost.
Actual Result	The newly uploaded cover photo is displayed as the album cover and no data is lost.
Pass/ Fail	Pass ✓

Test Case Number	19 Accessing Album Contents and Verifying Data Consistency
Prerequisites	<ul style="list-style-type: none"> User is logged in. There are multiple photo albums created in the user's profile.
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Verify data consistency of album's data: [username]; [number of albums in the profile] albums; in the top right corner. Hover the mouse pointer over the albums' thumbnail photos. Ensure that when hovering the mouse pointer over thumbnail photos of the albums, information such as the date and username are visible, along with options to change the cover photo and delete. Select an album's thumbnail photo and click on it to access it. Hover the mouse pointer over each photo. If necessary, scroll down. Ensure that when hovering the mouse pointer over photos, information such as the date and username is visible, along with the option to delete. Click on the "Go back to albums" button. Click on the next album to verify its content's complete data consistency.
Expected Result	User should see the photos' thumbnails in the selected album and each photo should have a date and username displayed. The user should also be able to navigate between albums within the Profile. Complete album data content should exhibit consistency.
Actual Result	User sees photos' thumbnails in the selected album and each photo has a date and username displayed. The user is also able to navigate between albums within the Profile. Complete album data content exhibits consistency.
Pass/ Fail	Pass ✓



Test Case Number	20 Displaying Albums Within the Profile
Prerequisites	<ul style="list-style-type: none"> User is logged in. There are at least 7 albums created in the user's profile.
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Verify that the albums' respective cover photos within the profile are displayed within the screen boundaries. Scroll down and verify that all albums' cover photos remain within the visible portion of the screen. Scroll up and verify whether the photos maintain their original order when scrolling back.
Expected Result	While scrolling through the profile, albums' cover photos should consistently stay visible within the screen boundaries and navigation should work smoothly. The albums' cover photos should also maintain their original order during scrolling.
Actual Result	While scrolling through the profile, albums' cover photos consistently stay visible within the screen boundaries and maintain their original order. Navigation works smoothly.
Pass/ Fail	Pass ✓

Test Case Number	21.1 Deleting the Even-Positioned Photo
Prerequisites	<ul style="list-style-type: none"> User is logged in. There is a multiple-photo album created in the user's profile. <p>Note: Please make sure to note down the name of the photo before proceeding with the deletion test.</p>
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Select a multiple-photo album from which the photo will be deleted. Access the selected album by clicking on its thumbnail to open it. Select an even-positioned photo within the album. Hover the mouse pointer over the selected photo. Click on the "Delete" button on its thumbnail. Click on the "Cancel" button to verify its functionality. Click on the "Delete" button on the photo's thumbnail again. Click on the "Delete" button one more time to confirm the deletion when prompted. Verify the deleted photo's thumbnail is no longer displayed within the album. Click on the "Refresh" button to reload the page. Verify data consistency of the album's data after deleting a photo: [album name] – [number of photos in the album] photos; Created by [username] on [album creation date] - Last updated on [current date]; Album description: [album description] Click the "Go back to albums" button.



	<p>14. Verify data consistency of the album's data: [album name] - [number of photos in the album] photos; below the album's thumbnail.</p> <p>15. Go to the Home page.</p> <p>16. Click on the search field to open it.</p> <p>17. Enter the deleted photo's name into the search field.</p> <p>18. Press the Enter key to initiate the search.</p> <p>19. Verify that the deleted photo is not displayed in the search results.</p> <p>20. Hover the mouse pointer over all the blank areas within the results to verify whether any photo traces remain.</p>
Expected Result	The photo should be deleted from the album and the user should be positioned on the album's page afterward. Deletion of a photo should result in permanent removal of the photo and all its traces from the user's profile and the photo gallery. Photo should not be included in search results by its name.
Actual Result	The photo is deleted from the album and the user is positioned on the album's page afterward. Deletion of a photo results in permanent removal of the photo and all its traces from the user's profile and the photo gallery. The photo is not included in search results by its name.
Pass/ Fail	Pass ✓

Test Case Number	21.2 Deleting the Odd-Positioned Photo in a Multiple-Photo Album
Prerequisites	<ul style="list-style-type: none"> User is logged in. There is a multiple-photo album created in the user's profile. <p>Note: Please make sure to note down the name of the photo before proceeding with the deletion test.</p>
Test Case Steps	<p>1. Execute steps 4-20 from Test Case 21.1, except for step 4 which should be modified as follows:</p> <ul style="list-style-type: none"> Select an odd-positioned photo within the album, excluding the last-positioned one.
Expected Result	The photo should be deleted from the album and the user should be positioned on the album's page afterward. Deletion of a photo should result in permanent removal of the photo and all its traces from the user's profile and the photo gallery. Photo should not be included in search results by its name.
Actual Result	After deleting an odd-positioned photo within a multiple-photo album, the user is initially directed to the album's page but upon refreshing the page, the user is redirected to a page with a 404 status code. The photo is permanently removed from the user's profile and the photo gallery. Furthermore, the photo is not included in search results by its name.
Pass/ Fail	Fail ✗



Test Case Number	21.3 Deleting the Odd-Positioned Photo in a Single Photo Album
Prerequisites	<ul style="list-style-type: none"> User is logged in. There is a single photo album created in the user's profile. <p>Note: Please make sure to note down the name of the photo before proceeding with the deletion test.</p>
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Select a single photo album from which the photo will be deleted. Access the selected album by clicking on its thumbnail to open it. Execute steps 5-20 from Test Case 21.1
Expected Result	The photo should be deleted from the album and the user should be positioned on the album's page afterward. Deletion of a photo should result in permanent removal of the photo and all its traces from the user's profile and the photo gallery. Photo should not be included in search results by its name.
Actual Result	The photo is deleted from the album and the user is positioned on the album's page afterward. Deletion of a photo results in permanent removal of the photo and all its traces from the user's profile and the photo gallery. The photo is not included in search results by its name.
Pass/ Fail	Pass ✓

Test Case Number	21.4 Deleting the Last Odd-Positioned Photo in the Album
Prerequisites	<ul style="list-style-type: none"> User is logged in. There is a multiple-photo album created in the user's profile. <p>Note: Please make sure to note down the name of the photo before proceeding with the deletion test.</p>
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Select a multiple-photo album from which the photo will be deleted. Access the selected album by clicking on its thumbnail to open it. Select the last odd-positioned photo within the album. Execute steps 5-20 from Test Case 21.1
Expected Result	The photo should be deleted from the album and the user should be positioned on the album's page afterward. Deletion of a photo should result in permanent removal of the photo and all its traces from the user's profile and the photo gallery. Photo should not be included in search results by its name.
Actual Result	The photo is deleted from the album and the user is positioned on the album's page afterward. Deletion of a photo results in permanent removal of the photo and all its traces from the user's profile and the photo gallery. The photo is not included in search results by its name.
Pass/ Fail	Pass ✓



Test Case Number	22 Deleting an Album
Prerequisites	<ul style="list-style-type: none"> User is logged in. There is an album created in the user's profile. <p>Note: If there are photos in the album, please make sure to note down the names of the photos before proceeding with the deletion test. Additionally, consider the album's cover photo when noting down the names of the photos in the album before proceeding with the test.</p>
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Select the album that needs to be deleted. Hover the mouse pointer over the selected album. Click on the "Delete" button on its thumbnail. Click on the "Cancel" button to verify its functionality. Click on the "Delete" button again. Click on the "Delete" button one more time to confirm the deletion when prompted. Verify the deleted album's thumbnail is no longer displayed within the profile so as data consistency of the album's data: [username]; [number of albums in the profile] albums Go to the Home page. Click on the search field to open it. Enter the names of the photos from the deleted album into the search field one by one and press Enter to initiate the search. Verify that the deleted photos are not displayed in the search results. Hover the mouse pointer over all the blank areas within the results to verify whether any photo traces remain.
Expected Result	The album should be deleted from the profile and the user should be positioned on the Profile page afterward. Deletion of the album should result in the permanent removal of the album, its linked photos and traces of those photos from the user's profile and the photo gallery. Album's related photos should not be included in search results by their names.
Actual Result	The album is deleted from the profile and the user is positioned on the Profile page afterward. Deletion of the album results in the permanent removal of the album, its linked photos and traces of those photos from the user's profile and the photo gallery. Album's related photos are not included in search results by their names.
Pass/ Fail	Pass ✓

Test Case	23.1 Logo Icon Return to Home/Menu Page
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Number	
Prerequisites	<ul style="list-style-type: none"> User is logged in.
Test Case Steps	<ol style="list-style-type: none"> Go to the Profile page. Hover the mouse pointer over the dropdown menu. Verify that the logo transforms into a dropdown menu with clickable links to the Home and Menu pages. Click on the "Menu" option to navigate to the Menu page. Click anywhere on the screen but directly on the menu options to navigate to the Home page.
Expected Result	Correct navigation to the Menu and Home page.
Actual Result	Successfully navigated to the Menu and Home pages from the Profile page.
Pass/ Fail	Pass ✓

Test Case Number	23.1.1 Access Profile Page from Menu
Prerequisites	<ul style="list-style-type: none"> User is logged in.
Test Case Steps	<ol style="list-style-type: none"> Go to the Menu page. Hover the mouse pointer over the "Profile" option and click on it.
Expected Result	Correct navigation to the Profile page by clicking on the "Profile" option from the menu.
Actual Result	Successfully navigated to the Profile page after clicking on the "Profile" option from the menu.
Pass/ Fail	Pass ✓

Test Case Number	23.1.2 Access Create Album Page from Menu
Prerequisites	<ul style="list-style-type: none"> User is logged in.
Test Case Steps	<ol style="list-style-type: none"> Go to the Menu page. Hover the mouse pointer over the "Create Album" option and click on it.
Expected Result	Correct navigation to the Create Album page by clicking on the "Create Album" option from the menu.
Actual Result	Successfully navigated to the Create Album page after clicking on the "Create Album" option from the menu.
Pass/ Fail	Pass ✓



Test Case Number	23.1.3 Logout Functionality from Menu
Prerequisites	<ul style="list-style-type: none">• User is logged in.
Test Case Steps	<ol style="list-style-type: none">1. Go to the Menu page.2. Hover the mouse pointer over the "Logout" option and click on it.
Expected Result	Successful logout after clicking on the "Logout" option from the menu.
Actual Result	Successfully logged out after clicking on the "Logout" option from the menu.
Pass/ Fail	Pass ✓