**Mono Photo Gallery Test Documentation**

1. **Test Plan**
   1. **Test goal**

The primary goal of this test plan is to the core functionalities and user experience of the Photo Gallery web application. The tests aim to discover bugs and usability issues across two different browsers while validating that the application meets the end user’s requirements.

* 1. **Functionalities covered by testing**

1. Authentication & Authorization
   1. Login with valid, invalid, empty and partially correct credentials
   2. Case sensitivity
   3. Account lockout
   4. Login with social providers (Google, Facebook, GitHub, Twitter/X)
   5. Password recovery
2. User Registration
   1. Registration with valid, invalid, duplicate and empty data
   2. Validation of input fields (long inputs, mismatched passwords, empty fields…)
3. Homepage & Navigation
   1. Menu interactions
   2. Footer interactions
   3. Correct navigation
   4. Display of recent images
4. Search Functionality
   1. Search with valid, invalid, empty and partial keywords
   2. Case sensitivity
5. Albums & Photos
   1. Creating, opening, navigating and deleting albums
   2. Uploading images with validation (name, file type…)
   3. Viewing photo details
   4. Photo viewer navigation
   5. Displayed information validation
   6. **Testing approach**

Testing will primarily be conducted manually using exploratory and scenario-based techniques. Each feature will be verified through step-by-step use cases, with a primary focus on functionality and a lighter emphasis on user experience. All tests will be executed on Firefox, while registration and login tests will also be conducted on Google Chrome. Additionally, select login test will be automated using Playwright with Python. All identified issues will be documented.

* 1. **Testing Environment**
* Operating system: macOS 15.0.1
  + 1. **Browsers**
* Firefox 137.0.1 (aarch64)
* Google Chrome 135.0.7049.85 (arm64)
  + 1. **Tools**
* Python 3.13.1
* Playwright 1.50.0
  + 1. **Test data**

|  |  |  |
| --- | --- | --- |
| ACCOUNT INFORMATION | | |
| EMAIL | USERNAME | PASSWORD |
| Registered and activated account | | |
| nokifo7910@naobk.com | searchtest | nokifo7910 |
| Registered and not activated account | | |
| jurajdurcevic11@gmail.com | durcevicjurajna | test12345 |
| Fake account (not registered) | | |
| nepostojijuraj@gmail.com | nepostojijuraj | test12345 |
| Registered and activated account #2 | | |
| tokejat111@mobilesm.com | tokejat111 | tokejat111 |
| Locked account | | |
| durcevicjuraj@gmail.com | durcevicjuraj | test12345 |

1. **Test Cases**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Name** | **Test Steps** | **Input Data** | **Expected Results** | **Actual Results** | **Test Environment** | **Execution Status** |
| USER LOGIN | | | | | | | |
| TC001 | User login with activated account | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Enter username  3. Enter password  4. Click LOGIN | Username:  durcevicjuraj  Password:  test12345 | Successful login | Successful login | Google Chrome | Pass |
|  |  |  |  |  | Successful login | Firefox | Pass |
| TC002 | User login with not activated account | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Enter username  3. Enter password  4. Click LOGIN | Username:  durcevicjurajna  Password:  test12345 | Unsuccessful login  Invalid email, username or password | Unsuccessful login  Invalid email, username or password | Google Chrome | Pass |
|  |  |  |  |  | Unsuccessful login  Invalid email, username or password | Firefox | Pass |
| TC003 | User login with unregistered account | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Enter username  3. Enter password  4. Click LOGIN | Username:  nepostojijuraj  Password:  test12345 | Unsuccessful login  Invalid email, username or password | Unsuccessful login  Invalid email, username or password | Google Chrome | Pass |
|  |  |  |  |  | Unsuccessful login  Invalid email, username or password | Firefox | Pass |
| TC004 | User login with wrong password | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Enter username  3. Enter password  4. Click LOGIN | Username:  durcevicjuraj  Password:  incorrect | Invalid email, username or password | Invalid email, username or password | Firefox | Pass |
| TC005 | User login with empty password | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Enter username  4. Click LOGIN | Username:  durcevicjuraj | Username and password required | Username and password required | Firefox | Pass |
| TC006 | User login with wrong username | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Enter username  3. Enter password  4. Click LOGIN | Username:  durcevic  Password:  test12345 | Invalid email, username or password | Invalid email, username or password | Firefox | Pass |
| TC007 | User login with empty username | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  3. Enter password  4. Click LOGIN | Password:  test12345 | Username and password required | Username and password required | Firefox | Pass |
| TC008 | Password is case sensitive | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Enter username  3. Enter password  4. Click LOGIN | Username:  durcevicjuraj  Password:  TEST12345 | Invalid email, username or password | Invalid email, username or password | Firefox | Pass |
| TC009 | Username is not case sensitive | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Enter username  3. Enter password  4. Click LOGIN | Username:  DURCEVICjuraj  Password:  test12345 | Successful login | Successful login | Firefox | Pass |
|  |  |  | Username:  TOKEJAT111  Password:  tokejat111 |  | Invalid email, username or password | Firefox | Pass |
| TC010 | Account is locked after too many failed login attempts | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Enter username  3. Enter password  4. Click LOGIN at least 15 times | Username:  durcevicjuraj  Password:  test12345 | User is locked | User is locked | Firefox | Pass |
| TC011 | Social user login with Facebook | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Click on the Facebook icon for social login  3. Connect account |  | Successful login | Undefined: social login configuration not found | Google Chrome | Fail |
|  |  |  |  |  | Undefined: social login configuration not found | Firefox | Fail |
| TC012 | Social user login with Twitter(X) | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login) 2. Click on the Twitter icon for social login  3. Connect account |  | Successful login | Undefined: social login configuration not found | Google Chrome | Fail |
|  |  |  |  |  | Undefined: social login configuration not found | Firefox | Fail |
| TC013 | Social user login with Google | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Click on the Google icon for social login  3. Connect account |  | Successful login | Undefined: social login configuration not found | Google Chrome | Fail |
|  |  |  |  |  | Undefined: social login configuration not found | Firefox | Fail |
| TC014 | Social user login with GitHub | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Click on the GitHub icon for social login  3. Connect account |  | Successful login | Undefined: social login configuration not found | Google Chrome | Fail |
|  |  |  |  |  | Undefined: social login configuration not found | Firefox | Fail |
| PASSWORD RECOVERY | | | | | | | |
| TC015 | Activated account password recovery is successful | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Click on “Forgot your password? Recover your password here!”  3. Enter email  4. Click on recover password  5. Check email inbox  6. Open the received mail for password recovery  7. Click on “Set new password ->”  8. Set new password  9. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  10. Enter username  11. Enter the new password  12. Click LOGIN | Email:  durcevicjuraj@gmail.com | Successful login | HTTP Error 404.0 – Not Found | Google Chrome | Fail |
|  |  |  |  |  | HTTP Error 404.0 – Not Found | Firefox | Fail |
| TC016 | Not activated account password recovery shows validation error | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Click on “Forgot your password? Recover your password here!”  3. Enter email  4. Click on recover password | Email:  jurajdurcevic11@gmail.com | Account is not activated error | [object Object] | Google Chrome | Fail |
|  |  |  |  | Account is not activated error | [object Object] | Firefox | Fail |
| TC0177 | Unregistered account password recovery shows validation error | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Click on “Forgot your password? Recover your password here!”  3. Enter email  4. Click on recover password | Email:  nepostojijuraj@gmail.com | Unknown user error | Unknown user error | Google Chrome | Pass |
|  |  |  |  |  | Unknown user error | Firefox | Pass |
| TC018 | Invalid email password recovery shows validation error | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Click on “Forgot your password? Recover your password here!”  3. Enter email  4. Click on recover password | Email:  nepostojijuraj | Please enter the correct email address error | Please enter the correct email address error | Google Chrome | Pass |
|  |  |  |  |  | Please enter the correct email address error | Firefox | Pass |
| TC019 | Empty email password recovery shows validation error | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Click on “Forgot your password? Recover your password here!”  3. Enter anything into the email textbox and then delete it  4. Click on recover password |  | Email is required. Please enter the correcr email address | Email is required. Please enter the correcr email address | Google Chrome | Pass |
|  |  |  |  |  | Email is required. Please enter the correcr email address | Firefox | Pass |
| TC020 | Password recovery button navigates to the password recovery page | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Click on “Forgot your password? Recover your password here!” |  | Page for password recovery opens | Page for password recovery opens | Firefox | Pass |
| USER REGISTRATION | | | | | | | |
| TC021 | Registration with valid information is successful | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  2. Enter email  3. Enter username  4. Enter password in both fields for password input  5. Click on “REGISTER” button  6. Go to email inbox  7. Open activation email  8. Activate account  9. Click on Activate Account button  10. Click ACTIVATE  11. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  12. Enter username  13. Enter password  14. Click LOGIN | Email:  Generate Temporary email  Username:  Generate random username using the english alphabet.  Password:  test12345 | Successful login | Successful login | Firefox | Pass |
| TC022 | Registration with already registered and activated account shows validation error | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  2. Enter email  3. Enter username  4. Enter password in both fields for password input  5. Click on “REGISTER” button  6. Go to email inbox  7. Open activation email  8. Activate account  9. Click on Activate Account button  10. Click ACTIVATE  11. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  12. Enter username  13. Enter password  14. Click LOGIN | Email:  durcevicjuraj@gmail.com  Username:  durcevicjuraj  Password:  test12345 | This email is already registered | This email is already registered | Firefox | Pass |
| TC023 | Registration with already registered email and not activated account shows validation error | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  2. Enter email  3. Enter username  4. Enter password in both fields for password input  5. Click on “REGISTER” button  6. Go to email inbox  7. Open activation email  8. Activate account  9. Click on Activate Account button  10. Click ACTIVATE  11. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  12. Enter username  13. Enter password  14. Click LOGIN | Email:  jurajdurcevic11@gmail.com  Username:  durcevicjurajna  Password:  test12345 | This email is already registered | This email is already registered | Firefox | Pass |
| TC024 | Registration with already registered username shows validation error | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  2. Enter email  3. Enter username  4. Enter password in both fields for password input  5. Click on “REGISTER” button  6. Go to email inbox  7. Open activation email  8. Activate account  9. Click on Activate Account button  10. Click ACTIVATE  11. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  12. Enter username  13. Enter password  14. Click LOGIN | Email:  durcevicjuraj@gmail.com  Username:  durcevicjuraj  Password:  test12345 | Username taken | Username taken | Firefox | Pass |
| TC025 | Registration with all input fields empty shows validation error | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  2. Click the “REGISTER” button |  | Button is not active | Button is not active | Firefox | Pass |
| TC026 | Registration with invalid email shows validation error | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  2. Enter email  3. Enter username  4. Enter password in both fields for password input  5. Click on “REGISTER” button  6. Go to email inbox  7. Open activation email  8. Activate account  9. Click on Activate Account button  10. Click ACTIVATE  11. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  12. Enter username  13. Enter password  14. Click LOGIN | Email:  disib31873  Username: disib31873  Password: disib31873 | Please enter the correct email address | Please enter the correct email address | Firefox | Pass |
|  |  |  | Email:  @ptiong.com  Username: disib31873  Password: disib31873 | Please enter the correct email address | Please enter the correct email address | Firefox | Pass |
|  |  |  | Email:  “ @ptiong.com”  Username: disib31873  Password: disib31873 | Please enter the correct email address | Please enter the correct email address | Firefox | Pass |
|  |  |  | Email:  badek84636@ptiong.combadek84636@ptiong.com  Username: disib31873  Password: disib31873 | Please enter the correct email address | Please enter the correct email address | Firefox | Pass |
| TC027 | Registration with too long email shows validation error | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  2. Enter email  3. Enter username  4. Enter password in both fields for password input  5. Click on “REGISTER” button  6. Go to email inbox  7. Open activation email  8. Activate account  9. Click on Activate Account button  10. Click ACTIVATE  11. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  12. Enter username  13. Enter password  14. Click LOGIN | Email:  Random email that has at least 100 characters + @gmail.com  Username:  random  Password:  random | Please enter the correct email address | Please enter the correct email address | Firefox | Pass |
| TC028 | Registration with empty email shows validation error | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  3. Enter username  4. Enter password in both fields for password input  5. Click on “REGISTER” button  6. Go to email inbox  7. Open activation email  8. Activate account  9. Click on Activate Account button  10. Click ACTIVATE  11. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  12. Enter username  13. Enter password  14. Click LOGIN | Username: disib31873  Password: disib31873 | Email is required. Please enter the correct email address | Email is required. Please enter the correct email address | Firefox | Pass |
| TC029 | Registration too long username shows validation error | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  2. Enter email  3. Enter username  4. Enter password in both fields for password input  5. Click on “REGISTER” button  6. Go to email inbox  7. Open activation email  8. Activate account  9. Click on Activate Account button  10. Click ACTIVATE  11. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  12. Enter username  13. Enter password  14. Click LOGIN | Email:  Random valid email  Username:  Random username that has at least 100 characters  Password:  random | Username is too long | No error is shown | Firefox | Fail |
| TC030 | Registration with empty username | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  2. Enter email  3. Enter password in both fields for password input  4. Click on “REGISTER” button  5. Go to email inbox  6. Open activation email  7. Activate account  8. Click on Activate Account button  9. Click ACTIVATE  10. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  11. Enter username  12. Enter password  13. Click LOGIN | Email:  Random valid email  Password:  random | Username is required | Username is required | Firefox | Pass |
| TC031 | Registration with empty password | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  2. Enter email  3. Enter username  4. Enter password in confirm password input field  5. Click on “REGISTER” button  6. Go to email inbox  7. Open activation email  8. Activate account  9. Click on Activate Account button  10. Click ACTIVATE  11. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  12. Enter username  13. Enter password  14. Click LOGIN | Email:  Random valid email  Username:  Random valid username  Confirm password:  Random password | Password is required | Password is required | Firefox | Pass |
| TC032 | Registration with empty confirm password | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  2. Enter email  3. Enter username  4. Enter password in password input field  5. Click on “REGISTER” button  6. Go to email inbox  7. Open activation email  8. Activate account  9. Click on Activate Account button  10. Click ACTIVATE  11. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  12. Enter username  13. Enter password  14. Click LOGIN | Email:  Random valid email  Username:  Random valid username  Password:  Random password | Confirm password is required | Confirm password is required | Firefox | Pass |
| TC033 | Registration with not matching passwords | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  2. Enter email  3. Enter username  4. Enter passwords  5. Click on “REGISTER” button  6. Go to email inbox  7. Open activation email  8. Activate account  9. Click on Activate Account button  10. Click ACTIVATE  11. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  12. Enter username  13. Enter password  14. Click LOGIN | Email:  Random valid email  Username:  Random valid username  Confirm password:  Random password | Passwords do not match | Passwords do not match | Firefox | Pass |
| TC034 | Registration with too short password | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  2. Enter email  3. Enter username  4. Enter password in both fields for password input  5. Click on “REGISTER” button  6. Go to email inbox  7. Open activation email  8. Activate account  9. Click on Activate Account button  10. Click ACTIVATE  11. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  12. Enter username  13. Enter password  14. Click LOGIN | Email:  Random valid email  Username:  Random valid username  Password:  Radnom password | Password is too short | Password is too short | Firefox | Pass |
| TC035 | Registration with too long password | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  2. Enter email  3. Enter username  4. Enter password in both fields for password input  5. Click on “REGISTER” button  6. Go to email inbox  7. Open activation email  8. Activate account  9. Click on Activate Account button  10. Click ACTIVATE  11. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  12. Enter username  13. Enter password  14. Click LOGIN | Email:  Random valid email  Username:  Random valid username characters  Password:  Random string of 200 or more characters | Password is too long | No error shown | Firefox | Fail |
| FOOTER | | | | | | | |  |  |
| TC036 | Navigation test: Footer Blog link | 1. Go to the [home page](https://demo.baasic.com/angular/starterkit-photo-gallery/main)  2. Click on the “Blog name” link at the bottom left |  | Blog site opens | Nothing happens | Google Chrome | Fail |
|  |  |  |  |  |  | Firefox | Fail |
| TC037 | Navigation test: Footer Baasic link | 1. Go to the [home page](https://demo.baasic.com/angular/starterkit-photo-gallery/main)  2. Click on the “Baasic” link at the bottom right |  | Baasic site opens | Baasic site opens | Google Chrome | Pass |
|  |  |  |  |  |  | Firefox | Pass |
| HOME PAGE | | | | | | | |
| TC038 | Hovering over logo shows menu | 1. Go to the [home page](https://demo.baasic.com/angular/starterkit-photo-gallery/main)  2. Hover over the main logo in the top left corner |  | Menu option slides down | Menu option slides down | Firefox | Pass |
| TC039 | Logo button navigates to home | 1. Go to any page that’s not the home page e.g. [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Hover over the main logo in the top left corner  3. Click on the main logo |  | Home page opens | Home page opens | Firefox | Pass |
| TC040 | Menu button opens the menu | 1. Go to the [home page](https://demo.baasic.com/angular/starterkit-photo-gallery/main)  2. Hover over the main logo in the top left corner  3. Click on the Menu button |  | Menu options open | Menu options open | Firefox | Pass |
| TC041 | Menu close button (X) closes the menu | 1. Go to the [home page](https://demo.baasic.com/angular/starterkit-photo-gallery/main)  2. Hover over the main logo in the top left corner  3. Click on the Menu button  4. Click on the X button in the top right |  | Menu closes | Menu closes | Firefox | Pass |
| TC042 | Home button navigates to the home page | 1. Go to the [home page](https://demo.baasic.com/angular/starterkit-photo-gallery/main)  2. Hover over the main logo in the top left corner  3. Click on the Menu button  4. Click on the Home button |  | Home page opens | Home page opens | Firefox | Pass |
| TC043 | Login button navigates to the login page | 1. Go to the [home page](https://demo.baasic.com/angular/starterkit-photo-gallery/main)  2. Hover over the main logo in the top left corner  3. Click on the Menu button  4. Click on the Login button |  | Login page opens | Login page opens | Firefox | Pass |
| TC044 | Register button navigates to the registration page | 1. Go to the [home page](https://demo.baasic.com/angular/starterkit-photo-gallery/main)  2. Hover over the main logo in the top left corner  3. Click on the Menu button  4. Click on the Register button |  | Register page opens | Register page opens | Firefox | Pass |
| TC045 | Profile button navigates to the user profile page | Prerequisite:  Be logged in  1. Hover over the main logo in the top left corner  2. Click on the Menu button  3. Click on the Profile button | Username:  durcevicjuraj  Password:  test12345 | User profile page opens | User profile page opens | Firefox | Pass |
| TC046 | Create Album button navigates to the album creation page | Prerequisite:  Be logged in  1. Hover over the main logo in the top left corner  2. Click on the Menu button  3. Click on the Create Album button | Username:  durcevicjuraj  Password:  test12345 | Create album page opens | Create album page opens | Firefox | Pass |
| TC047 | Log out button successfully logs out the user | Prerequisite:  Be logged in  1. Hover over the main logo in the top left corner  2. Click on the Menu button  3. Click on the Log out button | Username:  durcevicjuraj  Password:  test12345 | The user is logged out | The user is logged out | Firefox | Pass |
| TC048 | Most recent images showcase | 1. Go to the [home page](https://demo.baasic.com/angular/starterkit-photo-gallery/main)  2. Click on the showcase icon in the bottom middle  3. Scroll down |  | Recently uploaded images kept loading | Recently uploaded images kept loading | Firefox | Pass |
| SEARCH | | | | | | | |
| TC049 | Search button opens text field | 1. Go to the [home page](https://demo.baasic.com/angular/starterkit-photo-gallery/main)  2. Click on the search icon (magnifying glass) in the top right |  | Search text field opens | Search text field opens | Firefox | Pass |
| TC050 | Search with valid keyword | 1. Go to the [home page](https://demo.baasic.com/angular/starterkit-photo-gallery/main)  2. Click on the search icon (magnifying glass) in the top right  3. Type in keywords  4. Press Enter key | Keywords:  batman | The searched photo is shown | The searched photo is shown | Firefox | Pass |
| TC051 | Search with invalid keyword | 1. Go to the [home page](https://demo.baasic.com/angular/starterkit-photo-gallery/main)  2. Click on the search icon (magnifying glass) in the top right  3. Type in keywords  4. Press Enter key | Keywords:  lego | There are no photos that matches search term | There are no photos that matches search term | Firefox | Pass |
| TC052 | Search with empty text field | 1. Go to the [home page](https://demo.baasic.com/angular/starterkit-photo-gallery/main)  2. Click on the search icon (magnifying glass) in the top right  4. Press Enter key |  | Not able to search | Not able to search | Firefox | Pass |
| TC053 | Search is not case sensitive | 1. Go to the [home page](https://demo.baasic.com/angular/starterkit-photo-gallery/main)  2. Click on the search icon (magnifying glass) in the top right  3. Type in keywords  4. Press Enter key | Keywords:  BATMAN | The searched photo is shown | The searched photo is shown | Firefox | Pass |
| TC054 | Search with partial keywords | 1. Go to the [home page](https://demo.baasic.com/angular/starterkit-photo-gallery/main)  2. Click on the search icon (magnifying glass) in the top right  3. Type in keywords  4. Press Enter key | Keywords:  bat | The searched photo is shown | The searched photo is shown | Firefox | Pass |
| ALBUM | | | | | | | |
| TC055 | Go back to albums button navigates to the user profile page | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Click the Go back to albums button | Username:  searchtest  Password:  nokifo7910 | Navigated back to the user profile page | Navigated back to the user profile page | Firefox | Pass |
| TC056 | Upload photo button navigates to the upload photo page | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Click the Upload photo button | Username:  searchtest  Password:  nokifo7910 | Navigates to the upload photo page | Navigates to the upload photo page | Firefox | Pass |
| TC057 | Photo opens when clicked | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Open photo | Username:  searchtest  Password:  nokifo7910  Photo:  first | Opens the photo page | 404 page missing | Firefox | Fail |
|  |  |  | Username:  searchtest  Password:  nokifo7910  Photo:  second | Opens the photo page | Opens the photo page | Firefox | Pass |
| TC058 | Delete button removes the selected photo | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Hover over photo  4. Click on the Delete button | Username:  searchtest  Password:  nokifo7910  Photo:  first | Photo is deleted and the album is still available | Photo is deleted but the album becomes unavailable  404 page missing | Firefox | Fail |
|  |  |  | Username:  searchtest  Password:  nokifo7910  Photo:  second | Photo is deleted and the album is still available | Photo is deleted and the album is still available | Firefox | Pass |
| UPLOAD PHOTO | | | | | | | |
| TC059 | Upload image button opens file explorer menu | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Click Upload photo button  4. Click Upload image button | Username:  searchtest  Password:  nokifo7910 | File explorer opens to select image | File explorer opens to select image | Firefox | Pass |
| TC060 | Uploading a photo with a taken name shows validation error | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Click Upload photo button  4. Click Upload image button  5. Select any valid image  6. Type in the photo name  7. Click Upload button | Username:  searchtest  Password:  nokifo7910  Photo name:  batman | Name taken, please choose another | Name taken, please choose another | Firefox | Pass |
| TC061 | Uploading a photo with a previously taken name does not show validation error | Prequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Click Upload photo button  4. Click Upload image button  5. Select any valid image  6. Type in the photo name  7. Click Upload button  8. Repeat steps 1.-7. | Username:  searchtest  Password:  nokifo7910  Photo name:  Random name | Photo successfully uploaded | Photo successfully uploaded | Firefox | Pass |
| TC062 | Changing the uploaded image to another image | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Click Upload photo button  4. Click Upload image button  5. Select any valid image  6. Repeat steps 4.-5.  7. Type in the photo name  8. Click Upload button | Username:  searchtest  Password:  nokifo7910  Photo name:  Random name | Photo successfully changed and uploaded | Photo successfully changed and uploaded | Firefox | Pass |
| TC063 | Upload a valid .jpg file | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Click Upload photo button  4. Click Upload image button  5. Select any image with a .jpg extension  6. Type in the photo name  7. Click Upload button | Username:  searchtest  Password:  nokifo7910  Photo name:  Random name | Photo successfully uploaded | Photo successfully uploaded | Firefox | Pass |
| TC064 | Upload a valid .jpeg file | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Click Upload photo button  4. Click Upload image button  5. Select any image with a .jpeg extension  6. Type in the photo name  7. Click Upload button | Username:  searchtest  Password:  nokifo7910  Photo name:  Random name | Photo successfully uploaded | Photo successfully uploaded | Firefox | Pass |
| TC065 | Upload is blocked when selecting .png file | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Click Upload photo button  4. Click Upload image button  5. Select any image with a .png extension | Username:  searchtest  Password:  nokifo7910 | Unable to select .png file | Unable to select .png file | Firefox | Pass |
| TC066 | Upload is blocked when selecting .gif file | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Click Upload photo button  4. Click Upload image button  5. Select any image with a .gif extension | Username:  searchtest  Password:  nokifo7910 | Unable to select .gif file | Unable to select .gif file | Firefox | Pass |
| TC067 | Upload is blocked when selecting a non-image file | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Click Upload photo button  4. Click Upload image button  5. Select any image with a e.g. .pdf extension | Username:  searchtest  Password:  nokifo7910 | Unable to select file | Unable to select file | Firefox | Pass |
| PHOTO | | | | | | | |
| TC068 | Displayed date of last change is correct | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Click Upload photo button  4. Click Upload image button  5. Select any valid image  6. Type in the photo name  7. Click Upload button  8. Open the uploaded photo  9. Compare current date and date of last change | Username:  searchtest  Password:  nokifo7910  Photo name:  Random name | The dates are the same | Displayed date is one day ahead | Firefox | Fail |
| TC069 | Displayed username of uploader is correct | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Click Upload photo button  4. Click Upload image button  5. Select any valid image  6. Type in the photo name  7. Click Upload button  8. Open the uploaded photo  9. Compare displayed username to the account’s username used to upload | Username:  searchtest  Password:  nokifo7910  Photo name:  Random name | The usernames are the same | The usernames are the same | Firefox | Pass |
| TC070 | Go back (arrow pointing to the left) button navigates to the previous photo | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Open any photo  4. Use the left arrow to navigate to the previous image | Username:  searchtest  Password:  nokifo7910 | Navigates to the previous photo | Navigates to the previous photo | Firefox | Pass |
| TC071 | Go forward (arrow pointing to the right) button navigates to the previous photo | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Open any photo  4. Use the right arrow to navigate to the next image | Username:  searchtest  Password:  nokifo7910 | Navigates to the next photo | Navigates to the next photo | Firefox | Pass |
| TC072 | Exit (X) button navigates to the album page | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Open any photo  4. Click on the exit (X) button in top right corner | Username:  searchtest  Password:  nokifo7910 | Navigates to the album page | Navigates to the album page | Firefox | Pass |
| PROFILE | | | | | | | |
| TC073 | Displayed number of albums user created is correct | Prerequisite:  Be logged in  1. Go to the profile page  2. Compare the displayed “x albums” to the number of listed albums | Username:  searchtest  Password:  nokifo7910 | The numbers match | The numbers match | Firefox | Pass |
| TC074 | Displayed username is correct | Prerequisite:  Be logged in  1. Go to the profile page  2. Compare the displayed username in the top right to the one used to log in | Username:  searchtest  Password:  nokifo7910 | The usernames match | The usernames match | Firefox | Pass |
| TC075 | Username of album creator is correct | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Compare the displayed username to the one used to log in | Username:  searchtest  Password:  nokifo7910 | The usernames match | The usernames match | Firefox | Pass |
| TC076 | Album date of creation is correct | Prerequisite:  Be logged in  1. Go to the profile page  2. Create an album  3. Open the created album  3. Compare the Created and Last updated to the current date | Username:  searchtest  Password:  nokifo7910 | The dates match | The dates match | Firefox | Pass |
| TC077 | Create album button navigates to the album creation page | Prerequisite:  Be logged in  1. Click on the Main logo on the top left  2. Click on the Menu button  3. Click on the Create Album button | Username:  searchtest  Password:  nokifo7910 | Navigates to the Create album page | Navigates to the Create album page | Firefox | Pass |
| TC078 | Album opens when clicked | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album | Username:  searchtest  Password:  nokifo7910 | Navigates to the albums page | Navigates to the albums page | Firefox | Pass |
| TC079 | Upload button navigates to the cover image upload page | Prerequisite:  Be logged in  1. Go to the profile page  2. Hover over any album  3. Click on the Upload button | Username:  searchtest  Password:  nokifo7910 | Navigates to the upload photo page | Navigates to the upload photo page | Firefox | Pass |
| TC080 | Delete button removes the selected album | Prerequisite:  Be logged in  1. Go to the profile page  2. Hover over any album  3. Click on the Delete button | Username:  searchtest  Password:  nokifo7910 | The selected album is deleted | The selected album is deleted | Firefox | Pass |
| TC081 | Deleting an album also removes photos inside of it | Prerequisite:  Be logged in  1. Go to the profile page  2. Hover over any album  3. Click on the Delete button  4. Search for the photos that were inside of the album | Username:  searchtest  Password:  nokifo7910 | Both the album and the photos inside were deleted | Both the album and the photos inside were deleted | Firefox | Pass |
| CREATE ALBUM | | | | | | | |
| TC082 | Creating an album with an empty name is not possible | Prerequisite:  Be logged in  1. Go to the Create album page  2. Click on the Album name text field  3. Click somewhere else | Username:  searchtest  Password:  nokifo7910 | Name is required & the upload button is blocked | Name is required & the upload button is blocked | Firefox | Pass |
| TC083 | Creating an album with a too long name shows validation error | Prerequisite:  Be logged in  1. Go to the Create album page  2. Type in a random long string into the Album name text field | Username:  searchtest  Password:  nokifo7910  Album name length:  At least 200 characters | Album name is too long validation error | Album creation goes to the next step | Firefox | Fail |
| TC084 | Creating an album with a too long description shows validation error | Prerequisite:  Be logged in  1. Go to the Create album page  2. Type in a random string into the Album name text field  3. Type in a random long string into the Description text field | Username:  searchtest  Password:  nokifo7910  Album name: Random name  Album description length:  At least 2000 characters | Album description is too long validation error | Album creation goes to the next step | Firefox | Fail |
| TC085 | Back button navigates to the user profile page | Prerequisite:  Be logged in  1. Go to the Create album page  2. Click on the Back button | Username:  searchtest  Password:  nokifo7910 | Navigates to the user profile page | Navigates to the user profile page | Firefox | Pass |

1. **Issue report**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Steps | Expected Results | Actual Results | Browser | Evidence |
| Social user login does not work | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Click on the Facebook, Twitter, Google and GitHub icon for social login  3. Connect account | Successful login | Undefined: social login configuration not found | Firefox & Google Chrome | [Screenshot](https://mega.nz/file/HlFixRrL#Bqoe_hlSshYKvK3mA80MG7qh8L5yutPGDR-YKbfv1Nk) |
| Password Recovery email link | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Click on “Forgot your password? Recover your password here!”  3. Enter email  durcevicjuraj@gmail.com  4. Click on recover password  5. Check email inbox  6. Open the received mail for password recovery  7. Click on “Set new password ->”  8. Set new password  9. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  10. Enter username  11. Enter the new password  12. Click LOGIN | Successful login with new password | HTTP Error 404.0 – Not Found | Firefox & Google Chrome | [Screenshot](https://mega.nz/file/CkVBWZqD#vaYkZ2fgrI5X71-NmjRLqJQWHWkj1pEAVoQZnu_HqVQ) |
| Wrong error message for password recovery with not activated account | 1. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  2. Click on “Forgot your password? Recover your password here!”  3. Enter email  jurajdurcevic11@gmail.com  4. Click on recover password | Account is not activated error | [object Object] | Firefox & Google Chrome | [Screenshot](https://mega.nz/file/Ts1mzI6J#Y5tjLDduBI32hkYgHbT4ju3LCmJbMrLqgAdTN7jWRLs) |
| Registration with too long username does not show validation error | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  2. Enter email  3. Enter username  4. Enter password in both fields for password input  5. Click on “REGISTER” button  6. Go to email inbox  7. Open activation email  8. Activate account  9. Click on Activate Account button  10. Click ACTIVATE  11. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  12. Enter username  13. Enter password  14. Click LOGIN  Email:  Random valid email  Username:  Random username that has at least 100 characters  Password:  random | Username is too long | No error is shown | Firefox | [Screenshot](https://mega.nz/file/G11H0ZAS#EiEEuuBzKU-MPjiZxamFZxRU22iQIEeYIOFnPygPKL0) |
| Registration with too long password does not show validation error | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  2. Enter email  3. Enter username  4. Enter password in both fields for password input  5. Click on “REGISTER” button  6. Go to email inbox  7. Open activation email  8. Activate account  9. Click on Activate Account button  10. Click ACTIVATE  11. Go to the user [login page](https://demo.baasic.com/angular/starterkit-photo-gallery/login)  12. Enter username  13. Enter password  14. Click LOGIN  Email:  Random valid email  Username:  Random valid username characters  Password:  Random string of 200 or more characters | Password is too long | No error shown | Firefox | [Screenshot](https://mega.nz/file/Gtl1FSra#YmLa3QrlxXmuwvY1QtBCzA7rGlphRHtHeuyZyT0Nb6Q) |
| Footer Blog link does not work | 1. Go to the [home page](https://demo.baasic.com/angular/starterkit-photo-gallery/main)  2. Click on the “Blog name” link at the bottom left | Blog site opens | Nothing happens | Firefox & Google Chrome | [Screenshot](https://mega.nz/file/S40BxZII#OOIOpDD6_BqrA3PPAk-8kSQsxnsbROguIM_n6Disc8A) |
| Photos with an odd index cannot open | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Open photo  Username:  searchtest  Password:  nokifo7910  Photo:  First, third, fifth…. | Opens the photo page | 404 page missing | Firefox | [Screenshot](https://mega.nz/file/C18ymQYY#KMJ-1oLll0XYxtejO7T0hJvfjFdnySED_4EVaWQlUps) |
| Deleting a photo with an odd index makes the album also unavailable | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Hover over photo  4. Click on the Delete button  Username:  searchtest  Password:  nokifo7910  Photo:  first | Photo is deleted and the album is still available | Photo is deleted but the album becomes unavailable  404 page missing | Firefox | [Screenshot](https://mega.nz/file/q4M3haRI#KMJ-1oLll0XYxtejO7T0hJvfjFdnySED_4EVaWQlUps) |
| Displayed date of last change for photo is incorrect | Prerequisite:  Be logged in  1. Go to the profile page  2. Open any album  3. Click Upload photo button  4. Click Upload image button  5. Select any valid image  6. Type in the photo name  7. Click Upload button  8. Open the uploaded photo  9. Compare current date and date of last change  Username:  searchtest  Password:  nokifo7910  Photo name:  Random name | The dates are the same | Displayed date is one day ahead | Firefox | [Screenshot](https://mega.nz/file/qgVRUTQA" \l "ueY-V4oSPLfjUPVi208QHS44api977F_bRaUn7K9cog) |
| Creating an album with a too long album name shows no validation error and goes through | Prerequisite:  Be logged in  1. Go to the Create album page  2. Type in a random long string into the Album name text field  Username:  searchtest  Password:  nokifo7910  Album name length:  At least 200 characters | Album name is too long validation error | Album creation goes to the next step | Firefox | [Screenshot](https://mega.nz/file/2g1DXZBJ#r1w60dw3ISNeY6kwBWx8vmPDBO7XkaepM1XMzJ1eb18) |
| Creating an album with a too long album description shows no validation error and goes through | Prerequisite:  Be logged in  1. Go to the Create album page  2. Type in a random string into the Album name text field  3. Type in a random long string into the Description text field  Username:  searchtest  Password:  nokifo7910  Album name: Random name  Album description length:  At least 2000 characters | Album description is too long validation error | Album creation goes to the next step | Firefox | [Screenshot](https://mega.nz/file/O1UQxDpY#2tLw3xq-kJc-gbVOj74CP6E-EGcwMCT58WlIpolV1gQ) |
| Interacting first with Confirm password text field makes register button inactive until reset | 1. Go to the user [registration page](https://demo.baasic.com/angular/starterkit-photo-gallery/register)  2. Click on the Confirm password text field  3. Click somewhere else  4. Fill out the registration  5.Click Register  Email:  Generate Temporary email  Username:  Generate random username using the english alphabet.  Password:  test12345 | Successfully registered | Register button is inactive and Confirm password validation error is shown | Firefox | [Screenshot](https://mega.nz/file/joMTVDSJ#Bq1vIWL4UIuNNTQXEWIWyPsVl3NurfxxLdBoVg2IqRY) |

* 1. Possibility of being bugs/defects
* Input fields don’t provide any feedback that you’re currently typing in them after clicking.
* If you first enter the image name when uploading a cover, and then upload the image, the name gets changed to the image's filename.
* After logging in, there’s no "X" to close the menu anymore.
* The "Upload image" screen doesn’t have a back button.
* For resizing the description text field, do you really need that much freedom in width and height?
* When logging in, should the user be able to log in with their email?
* I can open the 'Activate Account' link from the email again, even though the account is already activated, but nothing happens when I try to activate it again."

1. **Automated Tests**

Made a Playwright test script in Python that automates login validation for a web application using different types of user accounts (activated, not activated, locked, and non-existent). Environment variables are loaded securely from a .env file using python-dotenv. The tests were broken down into reusable steps. The tests are structured with pytest and use fixtures to manage browser sessions.

Tests cover:

* Login with activated account.
* Login with non-activated account.
* Login with non-existent account.
* Login with locked account.
* Test case sensitivity in username.

[GitHub Repo Link](https://github.com/durcevicjuraj/mono-photo-gallery)