

# Testing Report: TailWaggr

This report summarizes the testing activities performed for **TailWaggr**. The goal of these tests was to ensure the stability, functionality, and performance of the software.

## Test Scope

The following components were tested:

- **Frontend:** User Interface, Form Validation, Navigation
- **Backend:** API responses, Database interactions
- **Security:** Authentication, Authorization, Data Validation

## Types of Testing

- **Unit Testing:** Testing of individual functions and methods.
- **Integration Testing:** Ensured that modules work together as expected.
- **Performance Testing:** Tested the application under load to assess speed and reliability using Google lighthouse.
- **UI Testing:** Verification of the user interface components across different devices and browsers.

## Testing Tools

- [Widget Test](#)
- [Integration Testing](#)
- [Mockito](#)
- [LightHouse](#)

## Links to our testing files

### UI Tests

- [Forum Testing](#)
- [Homepage Testing](#)
- [Location Testing](#)

- [Login Testing](#)
- [Lost and Found Testing](#)
- [Notifications Testing](#)
- [Sign up Testing](#)
- [Profile Testing](#)

## Integration Tests

- [Integration Testing](#)

## Test Results Summary

- [GitHub Actions Build Results](#)
- **Total Tests Conducted:** 65
- **Tests Passed:** 61
- **Tests Failed:** 4

## Forum Test Cases

Test ID	Description	Actual Result	Status
TC-01	displays the message and user profile correctly	As expected	Passed
TC-02	displays replies correctly	As expected	Passed
TC-03	shows TextField for typing reply	As expected	Passed
TC-04	displays the correct user name	As expected	Passed

## Homepage Test Cases

Test ID	Description	Actual Result	Status
TC-01	Displays basic information	As expected	Passed
TC-02	Displays pet information	As expected	Passed
TC-03	Displays like, comment, and view counts	As expected	Passed
Desktop			

TC-04	Check post container for Desktop	As expected	Passed
TC-05	Should display pets list and allow selection	As expected	Passed
TC-06	Should display error when trying to post without text	As expected	Passed
TC-07	Should display error when no image is selected	As expected	Passed
TC-08	Check post container for Desktop	As expected	Passed
TC-09	Should display post text input and add post text	As expected	Passed
<b>Tablet</b>			
TC-04	Check post container for Tablet	As expected	Passed
TC-05	Should display pets list and allow selection	As expected	Passed
TC-06	Should display error when trying to post without text	As expected	Passed
TC-07	Should display error when no image is selected	As expected	Passed
TC-08	Check post container for Tablet	As expected	Passed
TC-09	Should display post text input and add post text	As expected	Passed
<b>Mobile</b>			
TC-04	Check post container for Mobile	As expected	Passed
TC-05	Should display pets list and allow selection	As expected	Passed
TC-06	Should display error when trying to post without text	As expected	Passed
TC-07	Should display error when no image is selected	As expected	Passed
TC-08	Check post container for Mobile	As expected	Passed
TC-09	Should display post text input and add post text	As expected	Passed

## Location Test Cases

Test ID	Description	Actual Result	Status
TC-01	LocationDesktop widget test	As expected	Passed
TC-02	Testing the Vets Tab for Desktop	As expected	Passed

TC-03	LocationTablet widget test	As expected	Passed
TC-04	Testing the Vets Tab for Tablet	As expected	Passed
TC-05	LocationMobile widget test	As expected	Passed
TC-06	Testing the Vets Tab for Mobile	As expected	Passed

## Login Test Cases

Test ID	Description	Actual Result	Status
TC-01	Renders DesktopLogin and UI components	As expected	Passed
TC-02	Toggles password visibility Desktop	As expected	Passed
TC-03	Renders TabletLogin and UI components	As expected	Passed
TC-04	Toggles password visibility Tablet	As expected	Passed
TC-05	Renders MobileLogin and UI components	As expected	Passed

## Lost and Found Test Cases

Test ID	Description	Actual Result	Status
TC-01	Displays basic components for Desktop	As expected	Passed
TC-02	Testing clicking a pet and viewing the sightings	As expected	Passed
TC-03	Displays basic components for Tablet	As expected	Passed
TC-04	Testing clicing a pet and viewing the sightings	As expected	Passed

## Notifications Test Cases

Test ID	Description	Actual Result	Status
TC-01	Desktop Notifications builds correctly	Found 0 widgets with key [<'loading-notifications'>]	Failed

TC-02	Desktop Notification Card builds correctly	As expected	Passed
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## Sign up Test Cases

Test ID	Description	Actual Result	Status
TC-01	Renders Desktop Signup and UI components	As expected	Passed
TC-02	Toggles password visibility Desktop	As expected	Passed
TC-03	Enters data into each text field Desktop	As expected	Passed
TC-04	Renders Mobile Signup and UI components	As expected	Passed
TC-05	Toggles password visibility Mobile	As expected	Passed
TC-06	Enters data into each text field Mobile	As expected	Passed

## User Profile Test Cases

Test ID	Description	Actual Result	Status
Desktop			
TC-01	Testing the PostsContainer widget for Desktop	As expected	Passed
TC-02	Testing the ListOfPosts widget for Desktop	As expected	Passed
TC-03	Testing the AboutMeContainer widget for Desktop	Found 0 widgets with text "John Doe"	Failed
TC-04	Testing the MyPetsContainer widget for Deskto	As expected	Passed
TC-05	Testing the PetProfileButton widget for Desktop	As expected	Passed
Tablet			

TC-01	Testing the PostsContainer widget for Tablet	As expected	Passed
TC-02	Testing the ListOfPosts widget for Tablet	As expected	Passed
TC-03	Testing the AboutMeContainer widget for Tablet	Found 0 widgets with text "John Doe"	Failed
TC-04	Testing the MyPetsContainer widget for Tablet	As expected	Passed
TC-05	Testing the PetProfileButton widget for Tablet	As expected	Passed
<b>Mobile</b>			
TC-01	Testing the PostsContainer widget for Mobile	As expected	Passed
TC-02	Testing the ListOfPosts widget for Mobile	As expected	Passed
TC-03	Testing the AboutMeContainer widget for Mobile	Found 0 widgets with text "John Doe"	Failed
TC-04	Testing the MyPetsContainer widget for Mobile	As expected	Passed
TC-05	Testing the PetProfileButton widget for Mobile	As expected	Passed

# Integration Test Cases

Test ID	Description	Actual Result	Status
TC-01	Enters data into each text field Mobile	As expected	Passed
TC-02	getPetById returns pet data if exists	As expected	Passed
TC-03	deleteImageFromStorage deletes image successfully	As expected	Passed
TC-04	getUserDetails returns user data if exists	As expected	Passed
TC-05	getPetProfile returns pet data if exists	As expected	Passed

TC-06	updatePetProfile updates pet data successfully	As expected	Passed
TC-07	deletePetProfile deletes pet data successfully	As expected	Passed