**<Cat Bred Library>**

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**Test Procedure**

**Revision History**

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| --- | --- | --- | --- | --- |
| **Authors** | **Description of Change** | **Sections** | **Rev** | **Date** |
| Salvador Delgado | A-Z Filter Functionality Verification | 1 | 1 | 11-11-2023 |
| Salvador Delgado | Detailed Cat Breed Information Accessibility | 2 | 1 | 11-11-2023 |
| Salvador Delgado | Chatbot Functionality and Visibility Verification | 3 | 1 | 11-11-2023 |

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# Team Description

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| **Team Member Name** |
| Salvador Delgado |

# Introduction

The Cat Breed Library is an interactive web-based platform designed to engage and educate users about the wide variety of cat breeds around the globe. This digital library presents a comprehensive and user-friendly interface where cat enthusiasts can explore breeds alphabetically and discover detailed information about the characteristics, history, and care requirements for each breed.

The aim of this webpage is to simplify the process of learning about and comparing different cat breeds, making it an invaluable tool for potential pet owners to find a breed that matches their lifestyle and preferences. It serves as a resource for both casual cat lovers and serious breed researchers by providing an easy-to-navigate repository of feline data.

## Identification

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| **Requirement Document Tested:** | 11-11-2023 |
| **Requirement Document Revision:** | 11-11-2023 |
| **Revision Release Date:** | 11-11-2023 |

# Test Procedures

## Test Case 1

Description: This test case ensures that the A-Z filter on the cat breed library webpage correctly filters the list of cat breeds based on the selected letter.

Precondition:

1) The webpage must be fully loaded and operational.

2) The list of cat breeds should be populated and visible on the webpage.

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| **Step Number** | **Action** | **System Response** | **Requirement Tested**  **(if applicable)** |
| 1 | Open the cat breed library webpage. | The webpage loads successfully showing the list of cat breeds and the A-Z filter. | Page load functionality |
| 2 | Locate and select the letter 'S' in the A-Z filter. | The page updates to only display cat breeds that start with the letter 'S'. | Filter accuracy |
| 3 | Review the list of cat breeds displayed. | Only breeds starting with 'S', such as "Siamese", "Sphynx", or "Scottish Fold" are shown. | Correct data filtering |
| 4 | Select a different letter, such as 'M'. | The page updates to only display cat breeds that start with the letter 'M'. | Filter functionality |
| 5 | Review the list of cat breeds displayed again. | Only breeds starting with 'M', such as "Maine Coon", "Manx", or "Munchkin" are shown. | Correct data filtering |

## Test Case 2

Description:

Precondition:

1) The webpage is fully loaded and operational.

2) The list of cat breeds is populated and visible.

3) Detailed information for each cat breed is available and can be accessed from the list.

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| **Step Number** | **Action** | **System Response** | **Requirement Tested**  **(if applicable)** |
| 1 | Navigate to the cat breed library webpage. | The webpage loads successfully, displaying the list of cat breeds. | Page Load |
| 2 | Scroll or navigate to a specific cat breed from the list (e.g., "Maine Coon"). | The selected cat breed is visible on the list. | List Navigation |
| 3 | Click on the selected cat breed. | The webpage transitions to a detailed view of the selected cat breed. | Breed Detail Access |
| 4 | Review the detailed information provided. | Detailed information such as breed characteristics, temperament, care requirements, and images are displayed. | Information Display |
| 5 | Navigate back to the list of breeds. | The webpage returns to the list of cat breeds without errors. | Navigation Functionality |

## Test Case 3

Description: This test case checks if the chatbot is operational and visible on the cat breed library webpage, ensuring users can interact with it to get assistance or information.

Precondition:

1) The cat breed library webpage is fully loaded.

2) The chatbot widget is integrated into the webpage.

3) Internet connection is stable to allow chatbot-server communication.

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| **Step Number** | **Action** | **System Response** | **Requirement Tested**  **(if applicable)** |
| 1 | Navigate to the cat breed library webpage. | The webpage loads successfully with the chatbot icon visible on the page. | Chatbot Visibility |
| 2 | Observe the chatbot icon for any indications of activity (e.g., blinking or animation). |  | Chatbot Activity Indicator |
| 3 | Click on the chatbot icon. |  | Chatbot Interaction |
| 4 | Type a greeting message (e.g., "Hello!") into the chatbot input field and send it. |  | Chatbot Response Functionality |
| 5 | Ask the chatbot a specific question about cat breeds (e.g., "Tell me about the Maine Coon"). |  | Information Accuracy |
| 6 | Attempt to close or minimize the chatbot interface. | The chatbot should either minimize or close without errors, and the user should be able to reopen it. | Chatbot Reusability |

# Verification Cross Reference Matrix

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| --- | --- |
| **Requirement Identifier** | **Where Tested** |
| Chatbot Interaction and Responsiveness | Chatbot Functionality Verification |
| A-Z Breed Filter Functionality | A-Z Filter Verification |
| Breed Detail Accessibility | Breed Detail Verification |
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