**BDD TEST SCENARIOS - ZIZOO/BORROWABOAT SEARCH PAGE**

Interface gráfica do usuário, Site

O conteúdo gerado por IA pode estar incorreto.

**FEATURE: System Resilience Against Excessive Input**

**Scenario 1: Request Limit Under Maximum Filter Load (HTTP 4xx/5xx)**

**Tags:** @Critical, @Backend

Given I am on the Search Results Page

When I intentionally select every available filter option across more than five categories

And I execute the search, generating an exceptionally long URL string

Then The system must prevent a request failure

But It should instead successfully process the request OR display a customized message stating the search is too broad

**Scenario 2: Acquisition Funnel Isolation During Critical Page Error**

**Tags:** @Critical, @E2E

Given The search page is in a critical system error state

When I attempt to interact with and submit a low-engagement form on the same page

Then The form submission request SHOULD be isolated from the page error

And The submission payload must NOT inherit error parameters or contaminated URLs that cause it to fail

**Scenario 3: Validation of Numeric Range Filters and Coherence**

**Tags:** @Major

Given I am interacting with the numeric filters for 'Number of Guests', 'Cabins', and 'Bathrooms'

When I enter very wide or boundary-limit values

And I attempt to submit the search

Then The system should accept and successfully process values within the defined limits

And The system must gracefully reject non-numeric or logically impossible entries

**Scenario 4: Resilience Against Injection and Input Sanitization**

**Tags:** @Major, @Security

Given I am interacting with the Location search input field

When I input test strings containing special characters and code

And I submit the search

Then The system must display the input characters as literal text (sanitized)

And The backend must be protected, preventing the execution of SQL commands or XSS scripts

**Scenario 5: Performance and Rendering Under Heavy Load**

**Tags:** @Major

Given I have applied broad filters resulting in a high result count

When I modify the pagination to show a maximum number of items per page

And I scroll the page rapidly

Then The page rendering must be fluid, and the load time should not exceed acceptable UX limits

**FEATURE: Filter Reversal Flow and UI**

**Scenario 6: Critical Failure of the Global 'Reset All Filters' Function**

**Tags:** @Critical, @Functionality

Given I am in a 'dirty' search state (active filters or zero results)

When I click the \*\*'Reset All Filters'\*\* button

Then The button must be fully functional, clearing all UI filters

And The system must NOT enter a blocked state

But It should successfully update the URL to the base search path and reload the initial results

**Scenario 7: Clearing the Primary Location Search Field**

**Tags:** @Major, @UX

Given A specific destination is selected and active in the 'Where are you going?' field

When I use the keyboard (Backspace) or a clear icon to completely remove the text

And I submit the search

Then The `location` parameter MUST be removed from the URL

And The field must allow the user to return to a broader search (no location defined)

**Scenario 8: Incorrect Filter Persistence in UI After New Search**

**Tags:** @Major, @UX

Given Complex filters were applied in a previous session

When I navigate to a new search via an external link that only defines Location and Date

Then The user interface (UI) of the old filters MUST be cleared and reflect ONLY the new URL

And Visual desynchronization between the UI and the URL must be prevented

**Scenario 9: Navigation (Back Button) and Context Preservation**

**Tags:** @Major, @UX

Given I have navigated to an advanced result page (e.g., Page 5)

When I click a result and then use the browser's Back Button

Then I must be returned to the \*\*exact scroll position\*\* on Page 5

And All applied filters and the pagination state must be preserved instantly

**Scenario 10: Complete Search Context Cleanup Upon Returning to Homepage**

**Tags:** @Major, @E2E

Given I am in an active search state with multiple filters and results

When I click the main logo or the Homepage link

Then All search filters MUST be cleared and reset

And The Homepage should load in its default state, with no search parameters inherited in the URL

**FEATURE: Business Rules and Data Coherence**

**Scenario 11: Logical Coherence in Charter Type Conflicts**

**Tags:** @Major, @BusinessLogic

Given I attempt to select mutually exclusive charter types

When I try to apply both filters simultaneously

Then The system must prevent the conflict, by disabling or removing one of the filters

And A message must inform the user about the exclusivity of the options

**Scenario 12: Price Sorting Validation (High and Low)**

**Tags:** @Major

Given A set of search results is available

When I toggle between the 'Sort by Price: High to Low' and 'Low to High' options

Then The sorting must be correctly applied in the API and reflected in the UI

And The prices of the first and last result on each page must prove the accuracy of the sorting

**Scenario 13: Price Slider Recalculation After Currency Change**

**Tags:** @Major, @BusinessLogic

Given I have set a price range using the slider limits

When I change the primary currency of the site

Then The slider values and the boat price displays MUST be instantly recalculated based on the exchange rate

And The displayed boats must remain valid within the new converted price range

**Scenario 14: Filter Exclusion Logic in Zero Results State**

**Tags:** @Major, @BusinessLogic, @UX

Given My current search returns Zero Results

When I open the filters and view the remaining options

Then The system should disable or gray out filter options that \*\*will not yield any results\*\*

And Options that would broaden the scope must remain active

**Scenario 15: Validation of Date Logic Across Boundaries**

**Tags:** @Major

Given I am using the date picker

When I attempt to select dates that span different years

And I attempt to select a period exceeding the maximum allowed duration

Then The search must be processed correctly for valid periods spanning the year

And The system must block or warn against periods that exceed the maximum limit without application failure

**FEATURE: User Experience and Technical Compliance**

**Scenario 16: Mobile UI Interaction and Layout**

**Tags:** @Major, @Responsive, @UX

Given I am emulating a Mobile device resolution

When I execute a search and apply 2-3 filters

Then The filter modal must open and close correctly without layout failure

And The 'View X Results' button must be fixed and accessible on the screen to facilitate filter submission

**Scenario 17: Accessibility Coverage (Keyboard Navigation)**

**Tags:** @Major, @Accessibility

Given I am navigating the page without using a mouse

When I use the TAB key to cycle through all filter elements, buttons, and links

Then The keyboard focus indicator must be clearly visible (Outline) on every interactive element

And All actions must be activated correctly by the Enter or Space keys

**Scenario 18: Footer Links and External Navigation**

**Tags:** @Major, @UX, @Links

Given I am on the search page

When I click on all external and navigation links in the footer

Then All external links MUST open in a new tab (`target="\_blank"`)

And No internal link should result in an HTTP 404 (Not Found) error

**Scenario 19: Localization Link and Terminology Coherence**

**Tags:** @Minor, @Compliance

Given The website is configured for a specific language and region

When I validate the terminology and title of all legal/compliance pages

Then The footer link title must be consistent with the destination page title

And The legal terminology must be accurate and professional, avoiding the mixing of terms