

Flight Search Functionality Tests

This test suite verifies the core search functionality of the flight booking system. It ensures users can successfully search for flights using origin, destination, and date criteria. The tests verify that searching for known routes (Chicago to Paris) returns expected results with correct airline and price information. It also validates the system's handling of edge cases, such as searches with no matching flights and attempts to submit empty search parameters. The date validation test ensures users cannot search for flights in the past, and the full search flow test confirms the complete user journey from search to flight details page works as expected.

Running: flight-search.cy.js

(1 of 3)

Flight Search Functionality

- ✓ should search for existing flights from Chicago to Paris (1130ms)
- ✓ should handle searches with no matching flights (956ms)
- ✓ should prevent search with empty parameters (122ms)
- ✓ should validate date input (850ms)
- ✓ should complete a full search flow (880ms)

5 passing (4s)

(Results)

Tests:	5
Passing:	5
Failing:	0
Pending:	0
Skipped:	0
Screenshots:	0
Video:	false
Duration:	4 seconds
Spec Ran:	flight-search.cy.js

Flight Selection Functionality Tests

This test suite focuses on the flight selection process after a search is performed. It verifies that users can view and select specific flights from the search results, with detailed tests for both the Global Airlines and Skyways flights on the Chicago to Paris route. The tests ensure that all flight information (airline name, price, origin, and destination) is correctly displayed both in the search results and on the flight details page. Additionally, it verifies the navigation functionality, ensuring users can return to the search results page from the flight details page, maintaining the context of their original search.

Flight Selection Functionality

- ✓ should display correct flight details for Global Airlines flight (1014ms)
- ✓ should display correct flight details for Skyways flight (924ms)
- ✓ should allow navigation back to search results (981ms)

3 passing (3s)

(Results)

Tests:	3
Passing:	3
Failing:	0
Pending:	0
Skipped:	0
Screenshots:	0
Video:	false
Duration:	2 seconds
Spec Ran:	flight-selection.cy.js

Seat Selection Functionality Tests

This test suite examines the seat selection process for a specific flight. It validates that users can select available seats from the seating map and verifies that these selections are accurately reflected in the booking summary. The tests ensure that taken seats cannot be selected, and that users can deselect previously selected seats if they change their mind. It also verifies that multiple seat selections maintain their state correctly, allowing users to select several seats while keeping track of all selections. Finally, it confirms that the booking summary page accurately displays all selected seats and flight details, ensuring a complete and accurate booking process.

Running: seat-selection.cy.js

(3 of 3)

Seat Selection Functionality

- ✓ should allow selecting available seats and proceed to booking summary (1321ms)
- ✓ should not allow selecting taken seats (982ms)
- ✓ should allow deselecting a selected seat (1125ms)
- ✓ should maintain seat selection state while selecting multiple seats (1230ms)

4 passing (5s)

(Results)

```
Tests:      4
Passing:    4
Failing:    0
Pending:    0
Skipped:    0
Screenshots: 0
Video:      false
Duration:    4 seconds
Spec Ran:    seat-selection.cy.js
```

Summary of all test suites:

(Run Finished)

Spec		Tests	Passing	Failing	Pending	Skipped
✓ flight-search.cy.js	00:04	5	5	-	-	-
✓ flight-selection.cy.js	00:02	3	3	-	-	-
✓ seat-selection.cy.js	00:04	4	4	-	-	-
✓ All specs passed!	00:11	12	12	-	-	-