[ICHM-2] Search Flights Widget

Created: 15/May/22 11:05 AM - Updated: 19/May/22 12:01 PM - Resolved: 18/May/22 10:31 PM

Status:	Done
Project:	ITSchool - Claudia Hent Momondo

Type:	Story	**Priority:**	High
Reporter:	Claudia Hent	**Assignee:**	Claudia Hent
Resolution:	Done	**Votes:**	0
Labels:	None		
Original Estimate:	Not Specified		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		

Agile

Sprint:	ICHM Sprint 1
Story point estimate:	7

Description

As a user of the Momondo website, I want to be able to search for flights using a widget. The widget should be independent (can be present on multiple pages).

The **Search Flights Widget** should contain the following fields and options:

Travel Type select box: Round-trip, One Way, or Multi-cities. By default, the Round-trip option is selected.

Persons traveling options. Users can select how many persons are traveling from the preselected categories:

- Adults (18-64 years)
- Students (over 18)
- Seniors (65+)
- Youths (12-17)
- Children (2-11)
- Toddlers in their own seat (under 2 years)
- Infants on lap (under 2 years)

Users can perform a search based on the following conditions:

- The maximum number of persons traveling should not exceed 16.
  The maximum number of adults, students, or seniors should not be greater than 9.
- The maximum number of youths, children, toddlers, or infants should not be greater than 7.
- The number of infants on lap should not exceed the total number of adults, students, and seniors.
- A message that student verification is required will appear when a student is selected.
- There should be always at least one adult (adults, students, or seniors) in the search.
  There should be no unaccompanied minors.

Class of trip: Economy, Premium Economy*,* Business, First, Multiple. By default, the Economy is selected.

Departure Airport/City searchable text box: The user should be able to input and search for an airport and city.

When at least 1 character is typed on the text box, an API call to the airports/cities endpoint is performed presenting the user with the results.

If no airport/city matches the text inputted by the user, or there is a problem accessing the API endpoint, no results are displayed.

The user can select departure airport from the list by clicking on the result.

A maximum of 3 airports can be selected.

Destination Airport/City searchable text box. It is similar to the "Departure Airport/City" and has the same options and limitations.

The departure date is the date when the user wants to travel. The following conditions and options will apply:

- Upon clicking a calendar is displayed, the value should be selected by clicking on a calendar date.
- The date should not be in the past.
- The maximum date of departure should not be greater than more than 365 days from today.
- The default date is 30 days from today.

Return Date is the date when the user wants to return. The following conditions and options will apply:

- If the Travel Type is One-Way or Multi-City, the return date is not shown
- It must be greater or equal to the Departure Date.
- Should not be greater than 365 days
- Default is 37 days from today (7 days greater than the Departure Date)

Switch Button if the user will want to switch the Departure and destination airports. By clicking the button, the values will be switched.

Search Button When the button is pressed, the search is performed. If the Departure and Destination airport is not set, an error message is displayed.
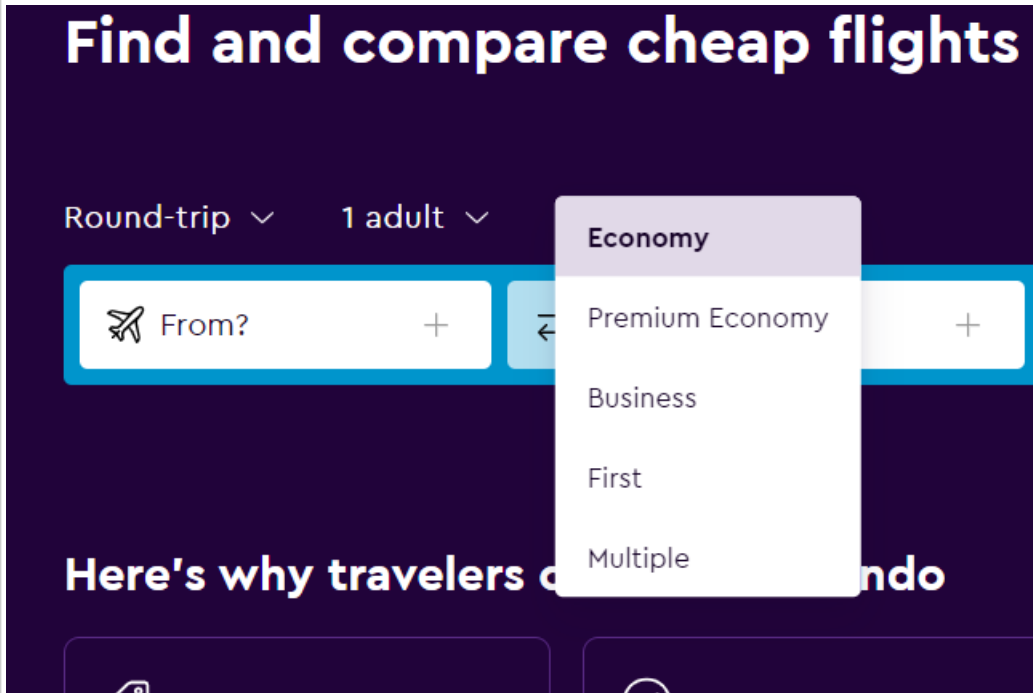
The user is presented with the results page (US3) if the search is successful.
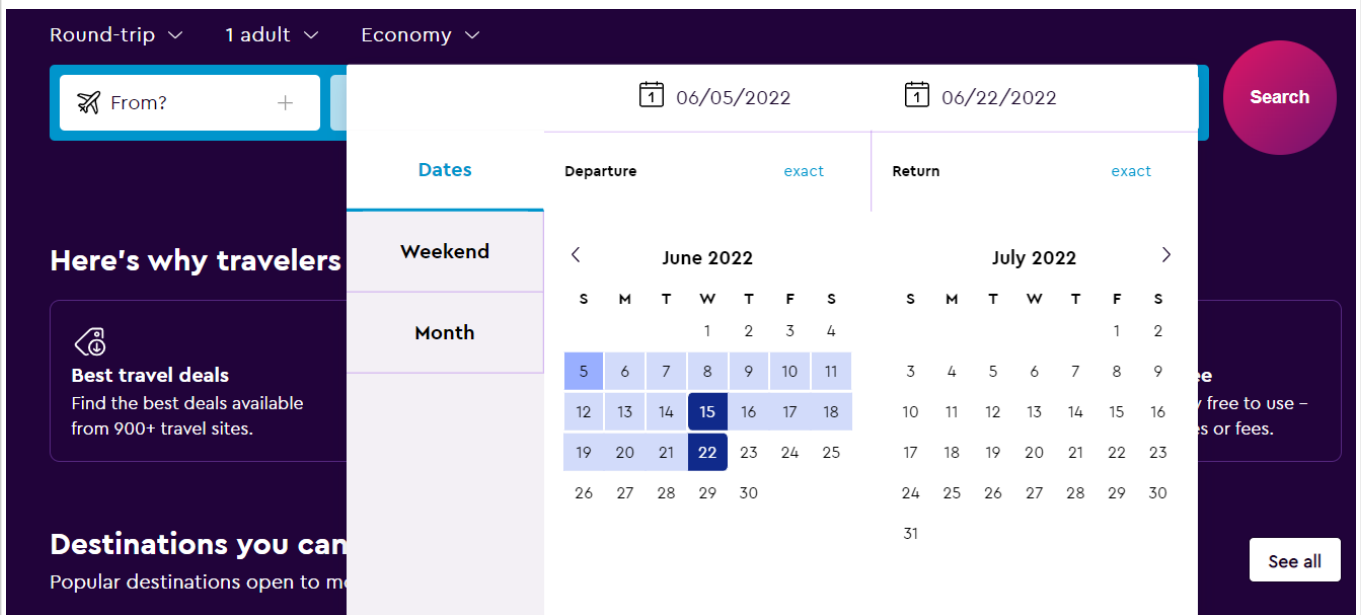

Design: See attached mockups.

Acceptance Criteria:

- The widget is displayed on the homepage.
- All the widget elements are accessible to the user.
- Search can be performed.
- No errors except the validation ones should be present.
- The design is consistent.
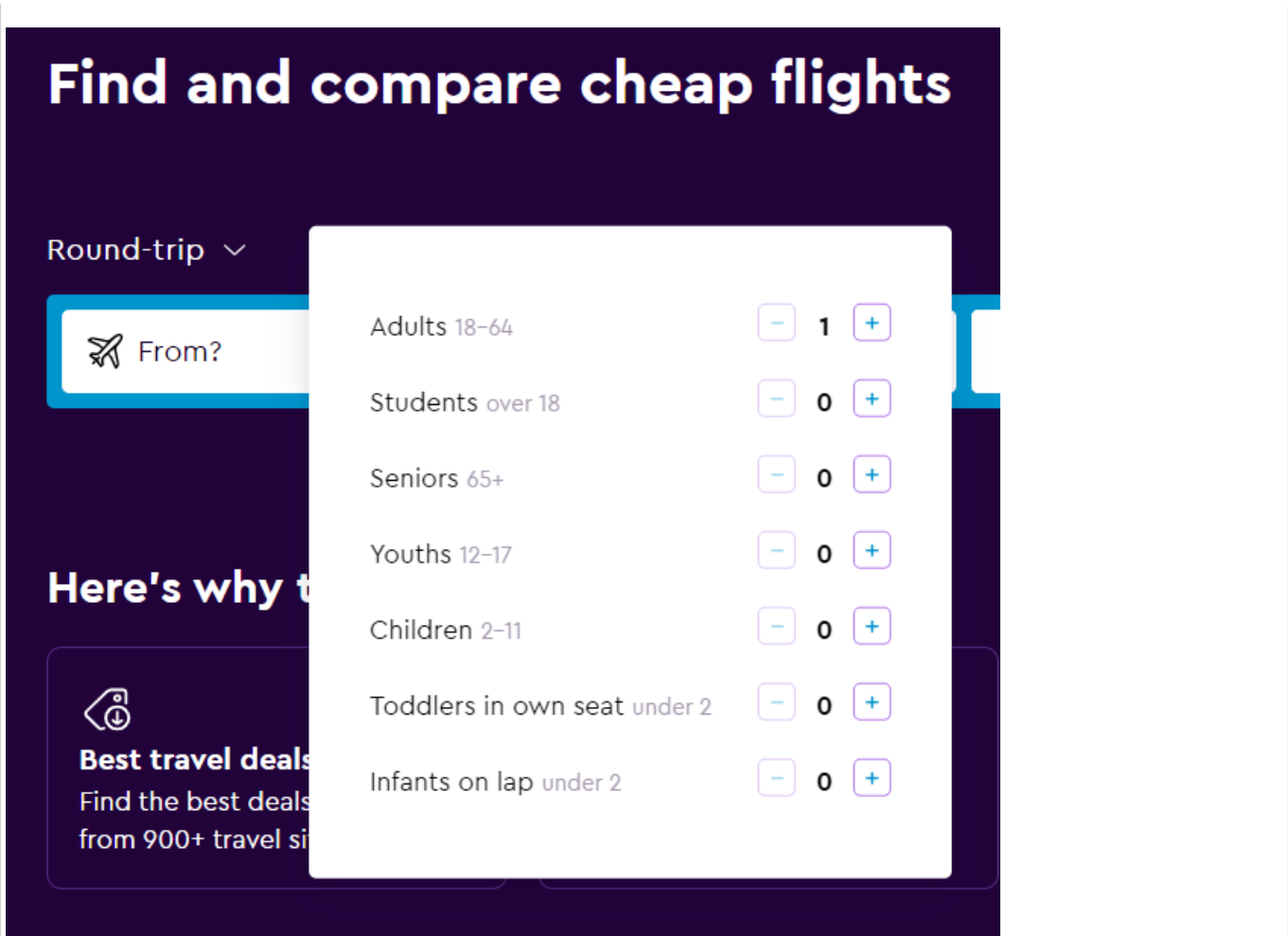- No errors on the console.
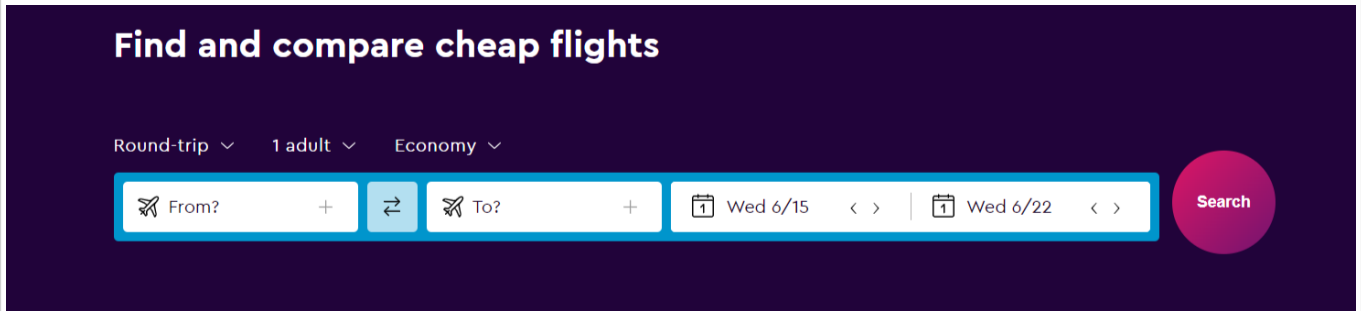- API calls are performed correctly.

Attachments

Class of trip.PNG (24 kB)

Departure&Return date.PNG (78 kB)

Persons traveling.PNG (51 kB)

Search Flights Widget.png (50 kB)

Links			
Relates			
relates to	ICHM-4	Flights Search Result Page	Done
relates to	ICHM-1	Homepage	Done
Blocks			
is blocked by	ICHM-11	API Search Airport Endpoint	Done
is blocked by	ICHM-13	No error message on Search Flights Widget	Done

Web Link

mentioned in	Page	https://hent.atlassian.net/wiki/pages/viewpage.action?pageId=2359316
mentioned in	Page	https://hent.atlassian.net/wiki/pages/viewpage.action?pageId=3604481
mentioned in	Page	https://hent.atlassian.net/wiki/pages/viewpage.action?pageId=622600