



[KYK-2] Search Flights Widget

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Reporter: Mariana Denisa Baicu
Resolution: Done
Labels: None
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Remaining Estimate: Not Specified
Time Spent: Not Specified

Priority: High
Assignee: Mariana Denisa Baicu
Votes: 0

Standard

Story Points: 7

Agile

Sprint: KYK Sprint 1

Description

Description

As a user of the Kayak 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, Multi-city, Trip Builder. 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 seats (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 the 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.

Bags required options. Users can select how much baggage can passengers carry on board from the preselected categories:

- Carry-on bag
- Checked bag

Users can select the following conditions:

The maximum number of carry-on bags should not exceed 1.

The maximum of the checked bag should not exceed 2.

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 departure date should not be 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. An error message is displayed if the Departure and Destination airport is not set.

The user is presented with the results page 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

Where are you flying?

Round-trip ▾ 1 adult ▾ Economy ▾ 0 bags ▾



From?

Economy

Premium Economy

Business

First

Multiple

Destinations you can fly to

Popular destinations open to most travelers

Class_of_trip.png

Round-trip ▾ 1 adult ▾ Economy ▾ 0 bags ▾



From?



To?

Sat 9/17

Fri 9/30



Destinations

Popular destinations



Open

Vietnam

Vaccinated travelers
Masks required

DATES WEEKEND MONTH

Departure exact ▾ Return exact ▾

September 2022

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

October 2022

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

See all



Departure&Return_Date.png

made with Better PDF Exporter for Jira

TRIAL VERSION

made

TRIAL

Where are you flying?

Adults 18-64

- 1 +

Students over 18

- 0 +

Seniors 65+

- 0 +

Youths 12-17

- 0 +

Children 2-11

- 0 +

Toddlers in own seat under 2

- 0 +

Infants on lap under 2

- 0 +

Economy ▾

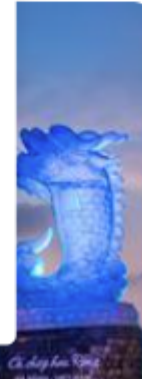
0 bags



To

can travel to r

to most visitors from Ro



Persons_Traveling.png

Where are you flying?

Round-trip ▾ 1 adult ▾ Economy ▾ 0 bags ▾

Bucharest (OTP) ✕ +



Tokyo (NRT) ✕ +

Fri 9/2

< >

Fri 9/9

< >



Search_Flights_Widget.png

Attachments

Where are you flying?

Round-trip ▾

1 adult ▾

0 bags ▾



From?

Economy

Premium Economy

Business

First

Multiple

Destinations you can fly to

Popular destinations open to more travelers

New

Australia

Class_of_trip.PNG (45 kB)

Round-trip ▾

1 adult ▾

Economy ▾

0 bags ▾



From?



To?



Sat 9/17



Fri 9/30



Destinations

Popular destinations



Open

Vietnam

Vaccinated travelers
Masks required

DATES

WEEKEND

MONTH

Departure exact ▾

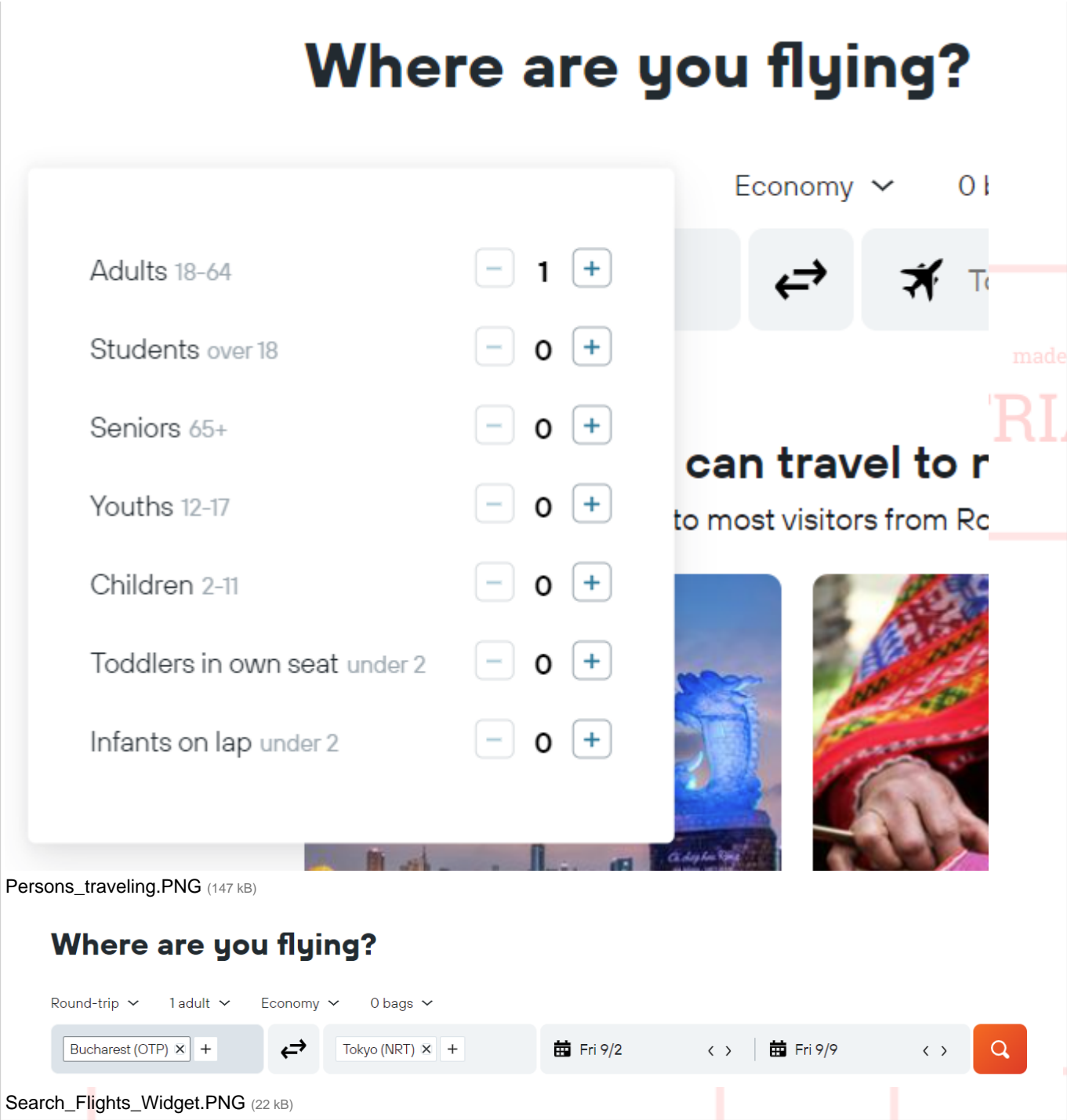
Return exact ▾

September 2022

October 2022

S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3							1
4	5	6	7	8	9	10	2	3	4	5	6	7	8
11	12	13	14	15	16	17	9	10	11	12	13	14	15
18	19	20	21	22	23	24	16	17	18	19	20	21	22
25	26	27	28	29	30		23	24	25	26	27	28	29
							30	31					

Departure&Return_date.PNG (232 kB)



Links			
Relates			
relates to	KYK-1	Homepage	Done
relates to	KYK-3	Flights Search Result Page	Done
Blocks			
is blocked by	KYK-9	No error message on Search Flights Widget	Done