

www.phptravels.net/ – flight search engine specification

FSE001 Flight type radiobuttons:

Return – searches for return flights, if this option is selected 'return date' box should become available

One Way – searches for one way flights, if selected 'return date' box should not be available

FSE002 'Flying From' search selection

- a) Shows hints after typing first matching character
- b) Pressing enter chooses first hint
- c) This input element is not case sensitive
- d) Allows search by city names and airport codes
- e) Departure airport needs to be different than destination. Selecting the same airports in both search selection elements will disable search initialization.

FSE003 „To Destination” search selection

- a) Shows hints after typing first matching character
- b) Pressing enter chooses first hint
- c) This input element is not case sensitive
- d) Allows search by city names and airport codes
- e) Destination needs to be different than departure airport. Selecting the same airports in both search selection elements will disable search initialization

FSE003 'Departure date' selection

- a) Pressing the button opens calendar tab
- b) Selecting date from calendar enters that date in the „departure date” box
- c) Date's format should be dd/mm/yyyy
- d) Only present and future dates from the calendar can be selected

FSE004 'Return date' selection

- a) Pressing the box opens calendar
- b) Selecting date from calendar enters that date in the „return date” box
- c) Date's format should be 'dd-mm-yyyy'
- d) Selecting dates before 'departure date' is impossible
- e) Selecting the same date as 'departure date' is possible
- e) if 'One way' flight option is selected 'Return date' field should not be available

FSE005 Number of passengers

- a) Clicking passengers button opens passengers adding tab
- b) Three kinds of passengers: adults, children and infants
- c) It is possible to add a total of 12 people from each of three categories
- d) Chosen number of passengers is listed on the button
- e) Default number of passengers should be set to 1 Adult

FSE006 Flight Class selection

- a) Clicking flight class button opens selection tab
- b) Flight classes available: economy, economy premium, business, first
- b) Default flight class should be set to 'economy'

FSE007 Search button

- a) Pressing search button starts search if:

-all fields are filled with correct data

and

-total number of passengers ≥ 1

Otherwise, search should not start and site should remain on current URL.