

# FRONT10 TECHNICAL EXERCISE (DEV)

## Summary

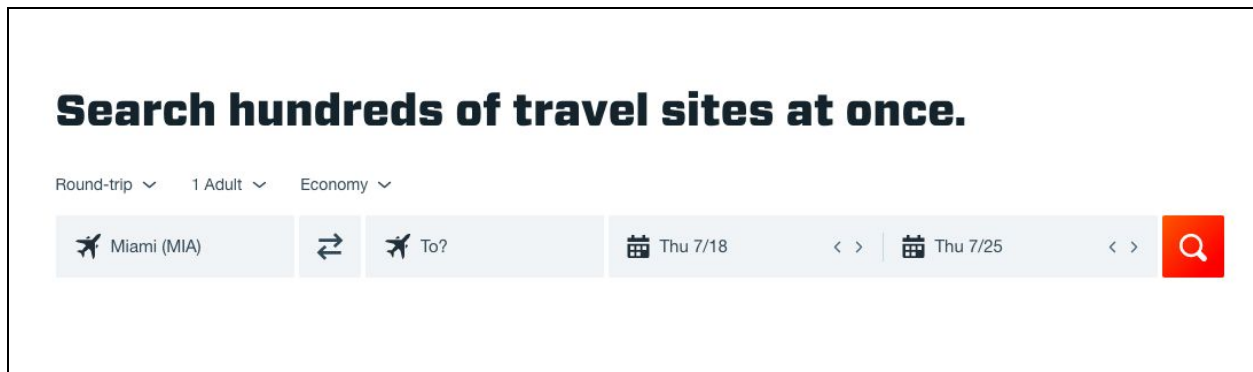
The exercise consists in creating a prototype of Booking Component. Below you can find the Description, Functional and Non Functional requirements to be completed.

## Description

The Booking Component allows users to search for **flights** from an **origin** to a **destination** in a given **departing** and **return dates**.

Please try to **"copy"** the more important features of the UI below. You can find more information in the Requirements section. Feel free to use any library or framework to create your prototype.

**Note:** It's not mandatory to reproduce the exact same copy of this UI, just the parts you think are necessary for a user to book a flight.



The screenshot shows a flight search interface with the heading "Search hundreds of travel sites at once." Below the heading, there are three dropdown menus: "Round-trip", "1 Adult", and "Economy". Below these, there is a search bar with the following elements: a plane icon and "Miami (MIA)", a double-headed arrow icon, a plane icon and "To?", a calendar icon and "Thu 7/18", a right arrow icon, a calendar icon and "Thu 7/25", a right arrow icon, and a red search button with a magnifying glass icon.

You can see all the behavior and extract mocked data in the following URL:

<https://www.kayak.com/>

## Requirements

- Flight type selector.
- Passengers selector.

- Travel Class
- Origin Selector
- Destination Selector
- Departure Date selector.
- Return Flight selector.

The image shows a flight search interface with the following elements and annotations:

- Title:** "Search hundreds of travel sites at once." (indicated by a red arrow pointing to the main heading)
- Flight type selector:** "Round-trip" (indicated by a red arrow pointing to the dropdown menu)
- Passengers selector:** "1 Adult" (indicated by a red arrow pointing to the dropdown menu)
- Travel Class:** "Economy" (indicated by a red arrow pointing to the dropdown menu)
- Origin selector:** "Miami (MIA)" (indicated by a red arrow pointing to the input field)
- Destination selector:** "To?" (indicated by a red arrow pointing to the input field)
- Departure Date selector:** "Thu 7/18" (indicated by a red arrow pointing to the date field)
- Return Date selector:** "Thu 7/25" (indicated by a red arrow pointing to the date field)

The interface also includes a search button (magnifying glass icon) and a swap button (double arrows icon).

## Key Points to be evaluated

- Functional requirements accomplishment.
- Non functional requirements accomplishment.
- Usage of the framework best practices and patterns.
- Analytical skills.
- Problem-solving skills (You are able to figure things out quickly).
- Teamwork (You are able to understand the point of view of your team and sometimes sacrifice your point).
- Code clarity.
- Code documentation.
- Design and analysis skills (Diagrams).

Good luck ;)