

# ODIGEO frontend challenge

## Project submission

In order to submit this project, you will need to answer this mail attaching your solution in the same format that you received the source code. Feel free to include any kind of documentation that you find relevant to help us understand your project.

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## Source code

You can see the code (attached in the mail) in order to retrieve the initial source code and start the exercise.

Please, let us know as soon as possible if you have any problems with the link.

The source code consists of two projects: backend and frontend (you can see the README.md files for each one in order to know how to deploy them).

In the frontend project, you will see a hello-world component in react called App.jsx (*edo-frontend/src/App.jsx*). You can start developing your application from this empty component.

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## The exercise

You are responsible to develop a new *Home* and *Results page* for *eDreams*.

The minimum requirements for the *Home page* are:

- Using react framework as the minimum hello-world app is built.
- The page should contain a *search form* with the following fields:
  - Departure location
  - Arrival location
  - Departure date
  - *Search* button
- Departure and arrival location must be a dropdown field,
  - You can retrieve the location's data at this endpoint <http://localhost:3000/locations>

The minimum requirements for the *Results page* are:

- Display the results of the previous search, ordered by *price*.
  - Adding a filter section to sort them by *time*.
  - You can retrieve the itineraries data at this endpoint:  
<http://localhost:3000/itineraries?departureLocation=...>
- For each itinerary, you should display:
  - Price
  - Departure location
  - Arrival location
  - Departure date
  - Arrival date
  - Airline/carrier
  - Seats Left

## Valuable

- Production Ready code (Modular, testable, reusable).
  - Mobile-First
  - Single-page application
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## Nice to have

- Unit test
    - You can choose your favorite library for testing
  - Performance optimizations (You can change the backend part if you want).
  - Styles following the eDreams brand.
  - Deployment tools (docker, jenkins...)
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