

# React Technical Test

This technical test will only have a frontend component.

Please carefully read over the sections below to see exactly what we are looking for.

Please create a React app using ES6 or newer

Use functional components

Create one webpage that allows a user to create / manage bookings.  
The following operations must be present:

- Create a booking;
- Read a booking;
- Update a booking;
- Delete a booking.

- **Global State**

Store the state from bookings in a global state store of your choice.

- **Validation & User Experience**

Have some logic in place to prevent double (overlapping) bookings.  
Validate the start and end dates for a booking.

- **UI Design and Architecture knowledge**

Review and enhance the overall UI design to improve functionality, performance, scalability and readability. Make sure it has a good UI / UX and is responsive.

- **Responsive Design**

The webpages should be fully responsive for desktop and mobile.

- **Terminology**

A booking is when a guest selects a start and end date and submits a reservation on a property.

– **Document** your code and your architecture.

– **Implementing good tests** is MANDATORY.

**When you are done, up it on a GitHub public repository.**

Thank you for taking the time to complete this test and best of luck.