**Exercise: Submitting the new booking page to the API**

**Overview**

Now that the reservation times are updated based on the date selected, the next step is to submit the booking form to the API.

**Scenario**

In your web app for Little Lemon, users will want to create new bookings. In previous exercises, you set up the form and connected the state. The next step is to submit the booking form to the API and notify the user when the booking is successful. In preparation for this exercise, you may find it helpful to revisit the following lesson items:

* [Creating a form component in React](https://www.coursera.org/learn/advanced-react/item/VpQWd)
* [Working with React hooks](https://www.coursera.org/learn/advanced-react/lecture/7Fb8U/working-with-react-hooks)
* [Data Flow in React](https://www.coursera.org/learn/react-basics/item/1kwFf)

**Instructions**

**Step 1: Set up a booking confirmation page**

* Create a component named **ConfirmedBooking** that will represent the booking confirmation page.
* Add JSX to display a message that the booking has been confirmed.
* Add a route that will allow navigation to the booking confirmation page.

**Step 2: Set up the function for submitting the form**

* In the Main component, set up a function named **submitForm** that accepts the form data as a parameter and will submit it to the **submitAPI (formData)** API set up in the previous exercise.
* If the **submitAPI(formData)** API call returns true, navigate to the booking confirmed page.

**Tip:** You can use the [useNavigate() hook](https://reactrouter.com/en/6.5.0/hooks/use-navigate) to navigate via code.

**Step 2: Update the submit event handler**

* Pass the **submitForm** function to the **BookingForm** component via props.
* Update the button submit event handler to call the **submitForm** function, passing the form data as a parameter.

**Step 3: Test the app**

Run the app and verify that the booking confirmation page is displayed when you submit the form.

**Conclusion**

In this exercise, you connected the form submission to the API. Little Lemon customers can now successfully reserve a table. However, this is not the end of developing the web app. As a developer, you must make sure that the web app is well-tested and meets the user experience requirements. You will work on this in the next exercises.