

# Goal

Create a **burger-building** app using React and an external API

## Functionality

- Login Form. The user must log in successfully in order to view the app. Details in the API section
- Show the list of burger ingredients (provided by the API)
- User has the ability to click on an ingredient in order to add it to the burger. Ingredients can be added multiple times in the same burger (eg. 3 bacon, 2 eggs)
- Ingredients go in the burger, in the same order in which they are added
- User can click on an individual ingredient inside the burger to remove it
- Show a section where the actual burger being built is visible. We provide the images via the API. Example:



\*\* We would like to see your UI/UX point of view, so you are free to decide on the layout and elements you want to use

## API

You have 2 available endpoints:

<https://xm-crm-react-exercise-server.herokuapp.com/login> (POST)

Accepts a json body with 2 fields: name, password

The only valid credentials the api accepts are name: **"xm"**, password: **"exercise"**

Returns a JWT token

Sample Response:

```
{
  "token": "thisisaverybigstringblablablabla"
}
```

**Note:** The token expires after 10 minutes

<https://xm-crm-react-exercise-server.herokuapp.com/ingredients> (GET)

This endpoint requires authentication. In order to successfully get the list of ingredients, you will need to pass the user's JWT token as a Bearer Token.

Sample Response:

```
[
  {
    "id": 1,
    "name": "bacon",
    "src": "bacon.png"
  }
]
```

The "src" field can be used to access real images that you will need to display in your burger builder. The url to access them is

<https://xm-crm-react-exercise-server.herokuapp.com/img/><src>

The two buns are not provided by the API as they are not ingredients and should always be displayed. Their image names are **bun\_bottom.png** and **bun\_top.png**

## Technologies

You need to use

- HTML5
  - CSS3
  - JS
  - React
  - <https://codesandbox.io/> as your platform
- (Please provide the link of your final sandbox so we can see your code)

## Bonus

You can use none, or all of these technologies. They are the ones we currently use so we would like to see how comfortable you are with them.

- Typescript
- Styled Components
- react-query
- react-router
- Write tests with react-test-renderer

## Help

If you have questions or issues while working on the exercise, you can let us know by sending an email to [hr@xm.com](mailto:hr@xm.com) and CCing [fkarailanidis@trading-point.com](mailto:fkarailanidis@trading-point.com) and [gtsioli@trading-point.com](mailto:gtsioli@trading-point.com)