

## Section 18: Practice Project: Building a Food Order App

Sunday, October 13, 2024 12:17 PM



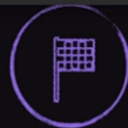
### Time To Practice: Food Order App

Components, State, Context, Effects, HTTP Requests & More!

- ▶ Building a **Complete Project** From The Ground Up
- ▶ **Building & Configuring Components**
- ▶ Using **State & Context**
- ▶ Managing **HTTP Requests & Side Effects**



Please note: This is definitely a difficult challenge! But you can also simply try to build as much on your own as possible - and then continue together with me in the next lectures.



### A Challenge For You

#### Build a “Food Order” web app

Use the **starting project** attached to this lecture

Add **components** for displaying **products**, the **cart** (in a **modal**) and a **checkout form** (also in a **modal**)

**Fetch** the (dummy) meals data from the **backend** & show it on the screen (GET /meals)

Allow users to **add & remove** products to / from the **cart**

**Send cart data** along with **user data** (full name, email, street, postal code, city) to the **backend** (POST /orders)

Handle **loading & error** states

# We Need A Plan!

1

Add the **Header** component

2

Add the **Meals-related** components & the logic to fetch meals data from a **backend**

3

Add **Cart** logic (add items to cart, edit cart items) & **Checkout** page logic



Feel free to **pause** this section & **try continuing on your own** anytime → It'll always be a good practice, even if you're not able to build everything

CartItem.jsx

Checkout.jsx M

{ } orders.json M

Input.jsx

CartCc

```
1  [
2    {
3      "items": [
4        {
5          "id": "m2",
6          "name": "Margherita Pizza",
7          "price": "12.99",
8          "description": "A classic pizza with fresh mozzarella, tomatoes, and basil on a thin crust",
9          "image": "images/margherita-pizza.jpg",
10         "quantity": 2
11       },
12       {
13         "id": "m3",
14         "name": "Caesar Salad",
15         "price": "7.99",
16         "description": "Romaine lettuce tossed in Caesar dressing, topped with croutons and parmesan",
17         "image": "images/caesar-salad.jpg",
18         "quantity": 1
19       }
20     ],
21   }
```