Senior Frontend/Fullstack Coding Exercise

**Overview**

We would like you to build a simple **{Angular|React}** application that allows users to configure and place a pizza order. You’ll be using the public pizza ordering API listed below in the resources. The application should have the following pieces of functionality:

**Expectations**

1. Login screen to accept a **username** (string) and **password** (string).
   1. Use the following to return an access token:
   2. {
   3. "password": "test",
   4. "username": "test"

}

1. User interface which allows the user to configure:
   1. **Crust** (string)
   2. **Flavor** (string)
   3. **Size** (string)
   4. **Table\_No** (integer)
2. Successfully submits the pizza configuration to the /orders endpoint.
3. Display a successful confirmation to the user interface.
4. Delete function that cancels an order.
5. Ability to create more than one pizza order.
6. Create a page that pulls a list of orders you created and displays them in the user interface.
7. Search feature to allow the user to filter the returned orders.
8. Containerize the application. **(optional – extra points!)**

**Resources**

[Order Pizza API](https://pizza-api-app.herokuapp.com/api/ui/)

**What We’ll Be Looking For**

You will be evaluated on your ability to:

1. Deliver a functioning product
2. Successfully and correctly integrate with a 3rd party API
3. Exhibit use of software engineering best practices

We encourage you to choose whatever technologies, libraries or specific implementations that you see fit to complete this challenge. We encourage creativity but value efficiency. There is no time limit; however, we don’t expect you to display your complete breadth of engineering knowledge in this challenge.