

REACT TAKE HOME PROJECT(TypeScript & Jest)

You are asked to build a web page to search order in the system.

Please create a React SPA with the following functionalities and UI:

1. User would see an empty page initially.
2. User can trigger search with **item number** in search field directly.
 - a. Item number can be multiple with comma separated.
3. User can trigger search using **filter panel** by applying one or more **filters**.
 - a. User can open the panel by clicking the filter button
 - b. Filter has 2 different style: free text field and multi-selection
 - c. For this exercise please implement the following filters
 - i. Item Number (numeric, comma separated, free text field)
 1. The value of this field should be binding with the search bar
 - ii. Order Number (numeric, comma separated, free text field)
 1. Options: "EDF", "CAO", "SFO"
 - iii. Type (multi-selection):
 1. Options: "EDF", "CAO", "SFO"
4. Once search is performed, the main screen will turn into table with search result.
5. When the user clicks on "reset all" button in filter panel, the screen returns to empty page.

Additional notes:

1. While doing the exercise please focus on the functionality and state management first, styling is 2nd.

2. The UX design provided as a figma link, you can decide which UI element would go into your submission as long as the above functionalities are covered.

<https://www.figma.com/file/qHkh35ZEISwxP2oDyQnbQ8/dashboard-ui-design?node-id=0%3A1&t=18QuJ1mI0u1GuAgm-1>

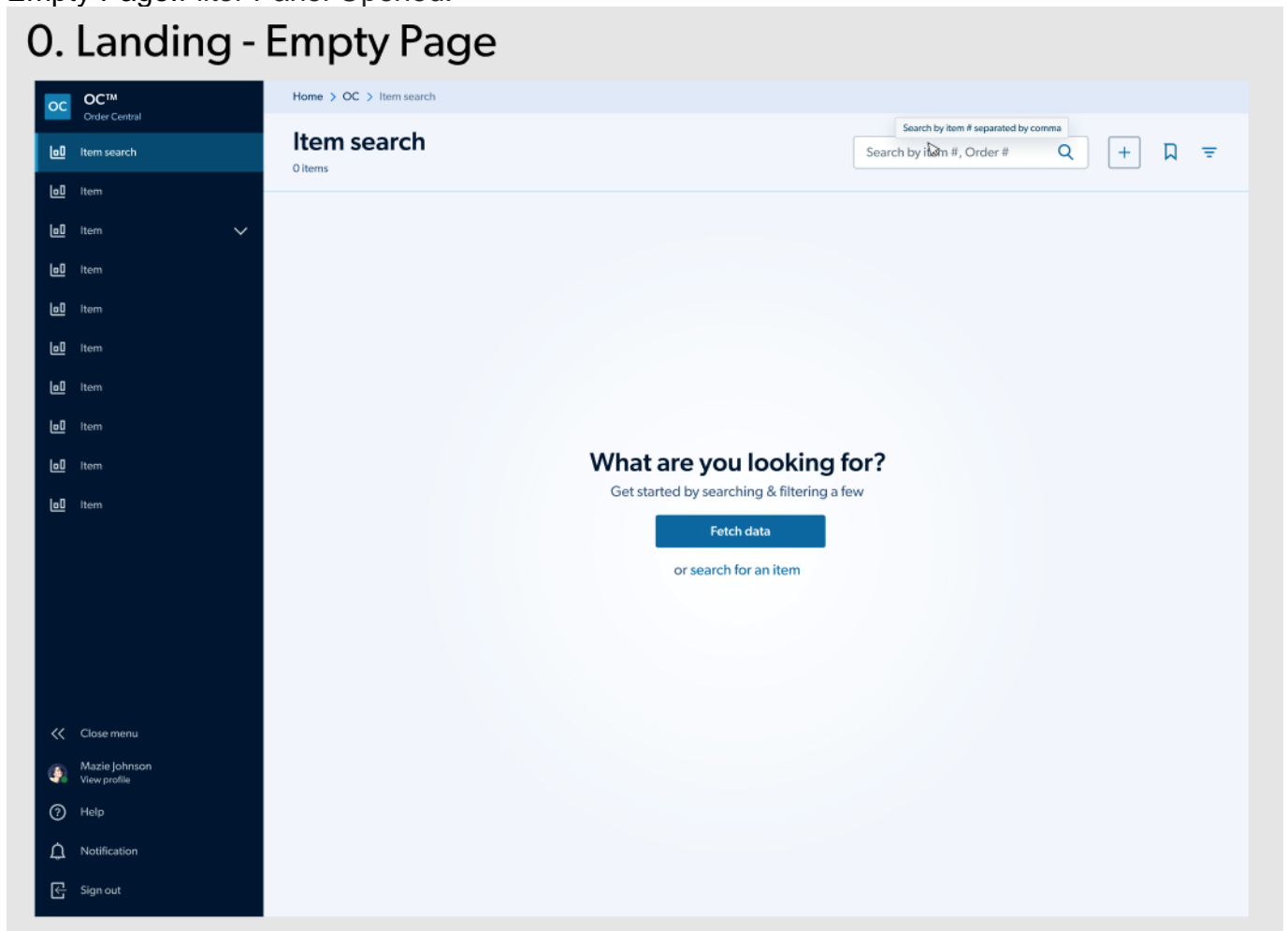
3. Please use dummy data for search result, but make sure to load it asynchronously to mimic api call.

4. Bonus points for Input validation for item number field.

5. 3 more test cases should be added of Jest

Empty Page:Filter Panel Opened:

0. Landing - Empty Page



Filter Button:

1.3.1 Landing - Filter sidebar

OC™
Order Central

Item search

Item

Item

Item

Item

Item

Item

Item

Item

Item

Item

Close menu

Mazie Johnson
View profile

Help

Notification

Sign out

Home > OC > Item search

Item search

128 Items

9803

	Order # <small>Showing All</small>	Type <small>Show All</small>	Item <small>Show All</small>	Category <small>Show All</small>	Description <small>Show All</small>
1	122100290921	CAO	980328714	12 - Beverages	Ninja Foodi 10-in-1, 8 Quart XL
2	89239833339	EDF	980328714	33 - Electronics	Ninja Foodi 10-in-1, 8 Quart XL
3	26336272733	EDF	980328714	12 - Fruit	Ninja Foodi 10-in-1, 8 Quart XL
4	26336272733	EDF	980328714	12 - Fruit	Ninja Foodi 10-in-1, 8 Quart XL
5	26336272733	EDF	980328714	12 - Fruit	Ninja Foodi 10-in-1, 8 Quart XL
6	26336272733	EDF	980328714	12 - Fruit	Ninja Foodi 10-in-1, 8 Quart XL
7	26336272733	EDF	980328714	12 - Fruit	Ninja Foodi 10-in-1, 8 Quart XL
8	26336272733	EDF	980328714	12 - Fruit	Ninja Foodi 10-in-1, 8 Quart XL
9	26336272733	EDF	980328714	12 - Fruit	Ninja Foodi 10-in-1, 8 Quart XL
10	26336272733	EDF	980328714	12 - Fruit	Ninja Foodi 10-in-1, 8 Quart XL
11	26336272733	EDF	980328714	12 - Fruit	Ninja Foodi 10-in-1, 8 Quart XL
12	26336272733	EDF	980328714	12 - Fruit	Ninja Foodi 10-in-1, 8 Quart XL
13	26336272733	EDF	980328714	12 - Fruit	Ninja Foodi 10-in-1, 8 Quart XL
14	26336272733	EDF	980328714	12 - Fruit	Ninja Foodi 10-in-1, 8 Quart XL
15	26336272733	EDF	980328714	12 - Fruit	Ninja Foodi 10-in-1, 8 Quart XL
16	26336272733	EDF	980328714	12 - Fruit	Ninja Foodi 10-in-1, 8 Quart XL
17	26336272733	EDF	980328714	12 - Fruit	Ninja Foodi 10-in-1, 8 Quart XL
18	26336272733	EDF	980328714	12 - Fruit	Ninja Foodi 10-in-1, 8 Quart XL
19	26336272733	EDF	980328714	12 - Fruit	Ninja Foodi 10-in-1, 8 Quart XL

20 Items per page

Set Parameters

9 parameters available

Reset all

From (node)

6656,3433,3443

Receiving (node)

Receiver (Club) ID (Ex. '6783')

Item

Item ID (Ex. '67344383')

Warehouse order

Type

Category

Status

Created on

Pick date

Cancel

Apply

Filter Panel:

Set Parameters

Reset all

9 parameters available

Item

^

njsdoi

Node needs to be four digits (Ex. '1111')

Order #

^

Order ID (Ex. '673444444383')

Type

^

☒ Show all

☐ CAO

☐ EDF

Category

^

Status

^

Created on

^

Pick date

^

Cancel

Apply

Set Filter

Reset all

7 Filters available

US State

^

AL, CA, AL

☐ Show all

☐ Alabama

☒ Alabama

☒ California

☒ Alabama

☐ Alabama

☐ Alabama

☐ Alabama

Text

^

Number

^

Price

^

Location

^

Date

^

Status

^

Cancel

Apply