

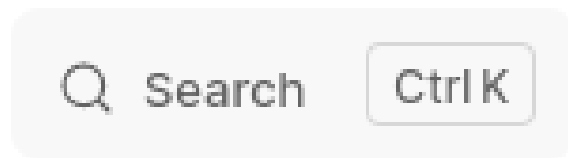
Scenario: Development of Search UI with API Integration and multiple filters in React.js

Objective:

To develop a search User Interface (UI) with seamless API integration using React.js.

Requirements:

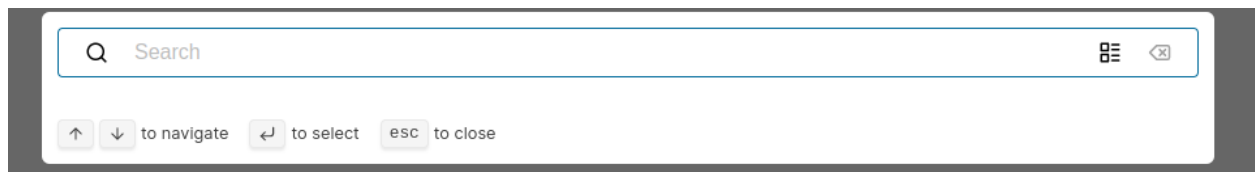
- Implement a search interface resembling the provided image.



- Display a popup when the search input field is clicked or when the keyboard shortcut (Ctrl + K) is pressed. The popup should close when the ESC key is pressed or when clicked outside the popup box.

Popup Design:

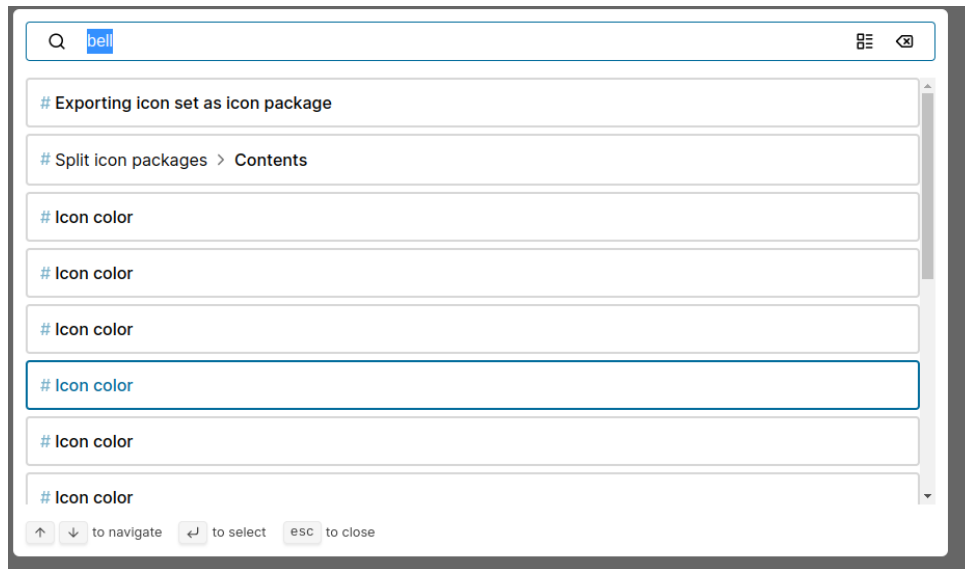
- The popup should look like this:



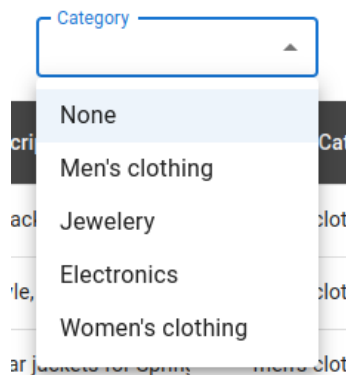
- Input Field: (describe the appearance, e.g., bordered with a placeholder text)
- Search Results: (list the components to be displayed, e.g., title, category, and price)
- Example Data: (use this API, "<https://fakestoreapi.com/products>")

```
3  [
4  {
5    "id": 1,
6    "title": "Fjallraven - Foldsack No. 1 Backpack, Fits 15 Laptops",
7    "price": 109.95,
8    "description": "Your perfect pack for everyday use and walks in the forest. Stash your laptop (up to 15 inches) in the padded sleeve, your everyday",
9    "category": "men's clothing",
10   "image": "https://fakestoreapi.com/img/81fPKd-2AYL. AC SL1500 .jpg",
11   "rating": {
12     "rate": 3.9,
13     "count": 120
14   }
15 },
16 {
17   "id": 2,
18   "title": "Mens Casual Premium Slim Fit T-Shirts ",
19   "price": 22.3,
20   "description": "Slim-fitting style, contrast raglan long sleeve, three-button henley placket, light weight & soft fabric for breathable and comfortable wearing. And Solid stitched shirts with round neck made for durability and a great fit for casual fashion wear and diehard baseball fans. The Henley style round neckline includes a three-button placket.",
21   "category": "men's clothing",
22   "image": "https://fakestoreapi.com/img/71-3HjGNDUL. AC SY879. SX. UX. SY. UY .jpg",
23   "rating": {
24     "rate": 4.1,
```

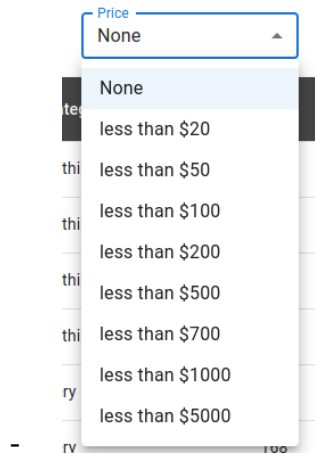
- Display the search results in a list format, including the title, category, and price details. Refer to the example provided for reference.



- Incorporate a category selector on the right side of the search interface. This selector should filter the data based on the selected category.



- Implement a price range filter to refine the search results according to the specified price range.



Guidelines:

You are free to utilize any additional libraries or tools you deem necessary to complete this task effectively.

Note: The given requirements aim to create a search UI with multiple filters and API integration using React.js. Please make sure to follow the given specifications while using standard development practices.