**User Experience:**

1. Every time user will type for search, API call will be made with some delay. This will avoid extra processing of searching on each change event.
2. As result is shown on change of input, no extra click is needed for applying search.
3. Every time showing only first 5 records results in faster processing so very less time to load.

**Improvements:**

1. List of items can be added with lazy loaded scroll instead of only 5 items. User can scroll between the items to find the appropriate item. Also, list will be lazy loaded for faster processing.
2. Current implementation has only debounce technique, we can add throttle technique for less number of search characters and debounce technique when number of characters are large.