

TodoList.js

This code is defining a React functional component called `TodoList`. The component takes in several props including `todoList`, `onRemoveTodo`, `onEditTodo`, `handleDescription`, `tableName`, `searchTerm`, and `handleCheckBox`.

The component's main functionality is to filter the `todoList` array based on the `searchTerm` prop and then render a `TodoListItem` component for each filtered item. The `TodoListItem` component is imported from the `../TodoListItem/` `TodoListItem` module.

The filtered list is obtained by using the `filter` method of the `todoList` array. The `filteredList` is created by calling the `filter` method on the `todoList` array and passing in a callback function that filters out the items whose `Title` field does not include the `searchTerm`. The `filteredList` is then mapped over and a `TodoListItem` component is rendered for each item.

The `TodoListItem` component is passed in several props including `todoList`, `onRemoveTodo`, `onEditTodo`, `handleDescription`, `tableName`, and `handleCheckBox`. These props are passed to the `TodoListItem` component so that it can render the information for each to-do item.

Finally, the `TodoList` component defines `propTypes` to validate the types of the props. The `propTypes` package is imported from the `prop-types` module.

The component is exported as the default export of the module, which means that other modules can import it using the syntax `import TodoList from "../TodoList"`.