

Task 1


Create an auto-suggest input field where the user would type at least 3 letters of a Hacker News story title and display the available stories in a dropdown list, similar to the following image:

Search

Search

Yarn – A new package manager for JavaScript
1714 points | by cpojer | 469 comments

A spreadsheet in fewer than 30 lines of JavaScript, no library used
1396 points | by ondras | 260 comments

Show HN: Meteor, a realtime JavaScript framework 
1362 points | by geoffschmidt | 332 comments

How to manage HTML DOM with vanilla JavaScript only?
1149 points | by velmu | 514 comments

Show HN: RoughJS – Create hand-drawn graphics using JavaScript
1087 points | by shihn | 92 comments

Task 2

When a user selects any of the returned stories (clicks on a result row), it should be added on a list as shown bellow.

Saved Stories

Yarn – A new package manager for JavaScript 1714 points by cpojer 469 comments
Bun: Fast JavaScript runtime, transpiler, and NPM client written in Zig 1431 points by firloop 314 comments
A spreadsheet in fewer than 30 lines of JavaScript, no library used 1396 points by ondras 260 comments
Show HN: Meteor, a realtime JavaScript framework 1362 points by geoffschmidt 332 comments
Modern Javascript: Everything you missed over the last 10 years (2020) 1256 points by EntlCOnc 728 comments

Task 3

User should also be able to remove items from the saved list, (clicks on a delete button)

Saved Stories

Yarn – A new package manager for JavaScript 1714 points by cpojer 469 comments	Delete
Bun: Fast JavaScript runtime, transpiler, and NPM client written in Zig 1431 points by firloop 314 comments	Delete
A spreadsheet in fewer than 30 lines of JavaScript, no library used 1396 points by ondras 260 comments	Delete
Show HN: Meteor, a realtime JavaScript framework 1362 points by geoffschmidt 332 comments	Delete
Modern Javascript: Everything you missed over the last 10 years (2020) 1256 points by EntlCOnc 728 comments	Delete

Requirements

- Create a react application using any template of your choice.
- Your target browser is the latest Chrome or Firefox, no need to cater for outdated browsers.
- Use the Hacker News Search API to retrieve stories.
<https://hn.algolia.com/api/v1/search?query=javascript>. For the purpose of this exercise you will need the following properties from the response: “title” (the story title), “author” (the story author), “num_comments” (the number of comments), “points” (number of story points).
- Do not focus on styling, focus instead on delivering the requested functionality. You may use any UI component library or CSS framework as long as you do not use an autocomplete component (like the MUI Autocomplete).
- The dropdown should trigger on typing 3+ chars.
- You may use any functional libraries of your choice, e.g. lodash, rxjs, redux, react-query, etc.
- Tests are highly valued.
- Preserve session is optional.
- Highlight search term is optional.

Time requirement

2 hours