# Front-end Engineer Test

**SUGAR**

**What we are testing your expertise in**
· HTML, CSS and Responsive Web
· Vanilla JavaScript and JavaScript Frameworks
· Object-oriented Programming

Your test is to implement a to-do list dashboard according to the provided design (in the next page) and instructions. All red color elements in the design are only for explanation purpose.

The dashboard has many to-do lists. Each to-do list has many items. The lists have fixed height, and are arranged inline. Lists are sorted by name in alphanumeric order.

**Action requirements**
· Create a list
· Edit name of a list
· Remove a list
· Create an item
· Check an item as completed
· Uncheck an item as open
· Drag an item from a list to another
· Remove an item

**Additional Requirement**
Implement function window.getOpenItems() to return an array of remaining items grouped by list.

E.g.
```
[
 {
   name: "Movies to watch",
   openItems: ["Interstella", "DogCat"]
 },
 {
   name: "Yooooo",
   openItems: []
 }
]
```

Please try to complete the test as much as you can. We would like to see how you code and what you code.

Your code should be clean, scalable, testable, and properly commented (if any).

# DASHBOARD

New To-do List          Create

## Movies to watch

☐ Interstellar ✕

☑ ~~The Martian~~ ✕

## Zoombie Furnitures

New item

☑ ~~20 tables~~ ✕

☐ 4 armchairs ✕

☐ 4 armchairs ✕

Movies to watch 💾

☐ Interstellar ✕

☑ Martian ✕