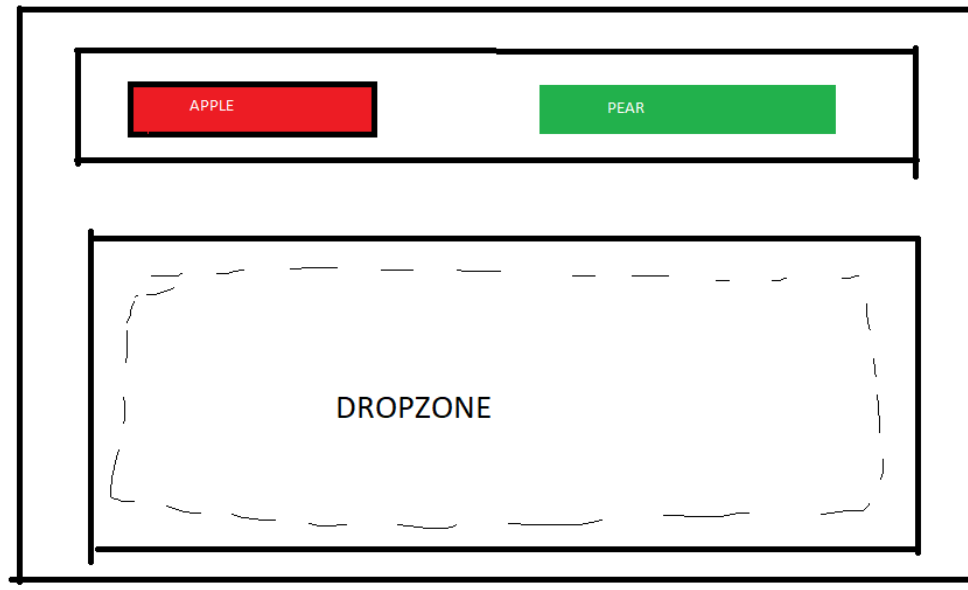# Test tasks

We need to have html file where we will see something like this. All styles must be in scss or less. Layout must be on Bootstrap 4 base. Apple and Pear - Objects. This objects must be drag&droppable to Dropzone.

In plain js (ES5) need to create 1 prototype "Fruit" that will be extended 2 another prototypes "Pear" and "Apple"

Both of it the have this configs :

State : ripe\not ripe

Size: big\small

And prototype of apple have it's own config:

sort: sort_1/sort_2

How all must work:

When page load need to create objects of apple and pear:

-state: by default is not ripe
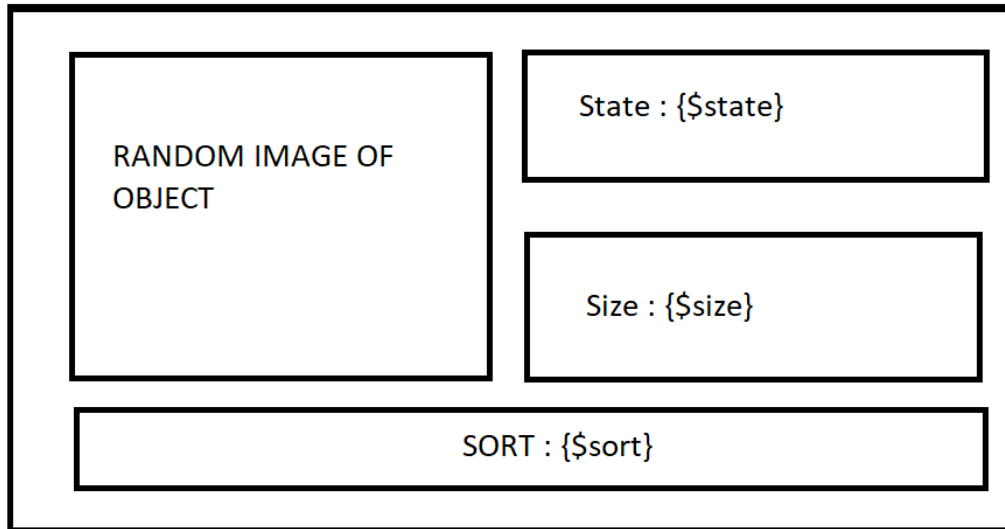
-size: random from small or big.

Forr apples:

sort: random from sort_1 and sort_2

By default color of Onjects depends from State (if Ripe - then green, if not ripe - then red)

If I click on Object, it must change color and state in object.

If we drop one of the objects we see something like this:

```
┌─────────────────────────────────────────────────────────────┐
│  ┌───────────────────────────┐   ┌───────────────────────┐  │
│  │                           │   │                       │  │
│  │                           │   │   State : {$state}    │  │
│  │   RANDOM IMAGE OF         │   │                       │  │
│  │   OBJECT                  │   └───────────────────────┘  │
│  │                           │   ┌───────────────────────┐  │
│  │                           │   │                       │  │
│  │                           │   │   Size : {$size}      │  │
│  │                           │   │                       │  │
│  └───────────────────────────┘   └───────────────────────┘  │
│  ┌────────────────────────────────────────────────────────┐ │
│  │                  SORT : {$sort}                         │ │
│  └────────────────────────────────────────────────────────┘ │
└─────────────────────────────────────────────────────────────┘
```

Sort will be exist only in APPLE object.

What we will check:

Your knowledge of OOP. (Why prototypes, configs in it and extending is very important)

Layout (css + html) skills, with Bootstrap 4 using.

How you would do it in ES6?

Also big advantage: If you will create Button "Clear" that will be clean up dropzone from object, and you can drop it one more, or another object.