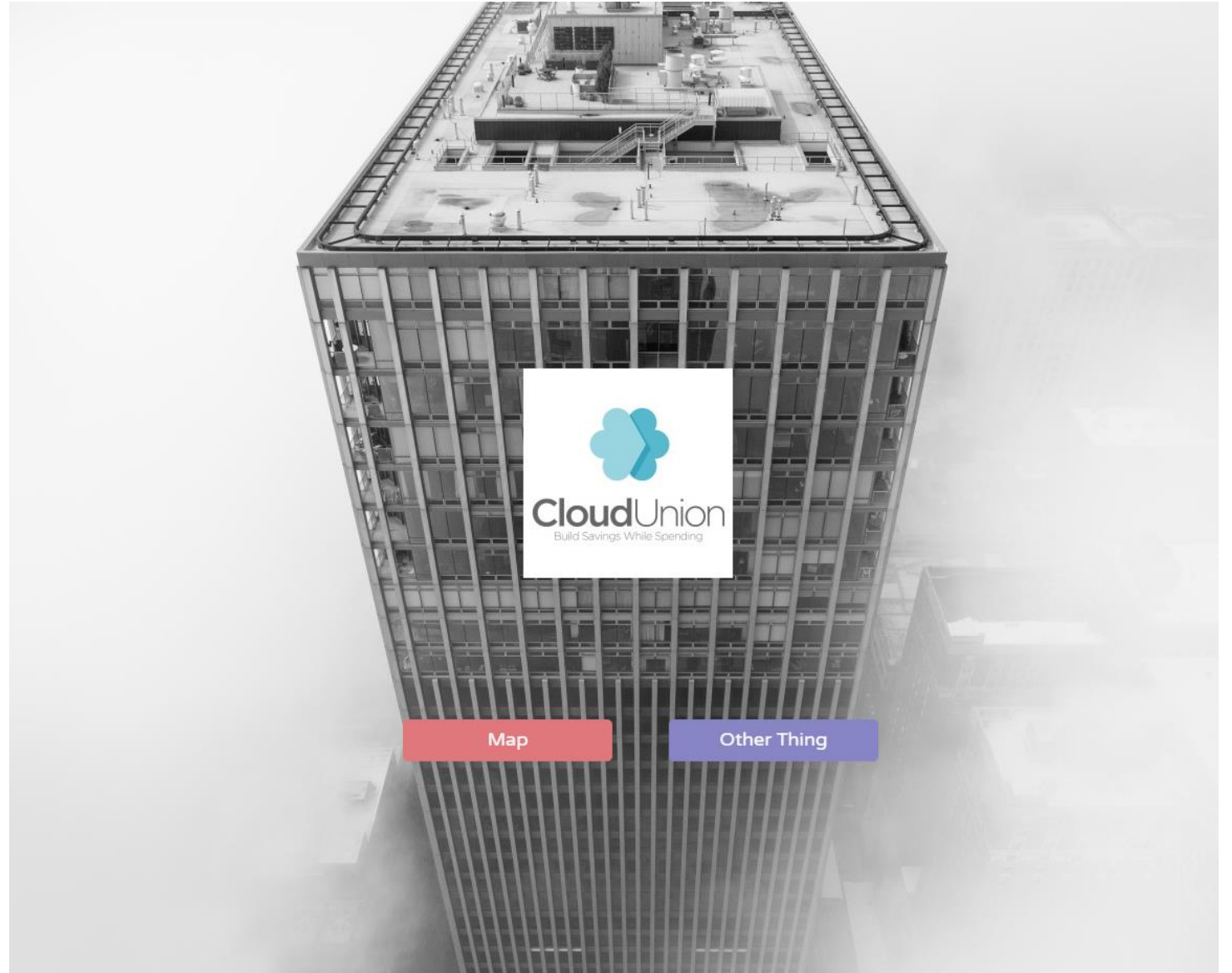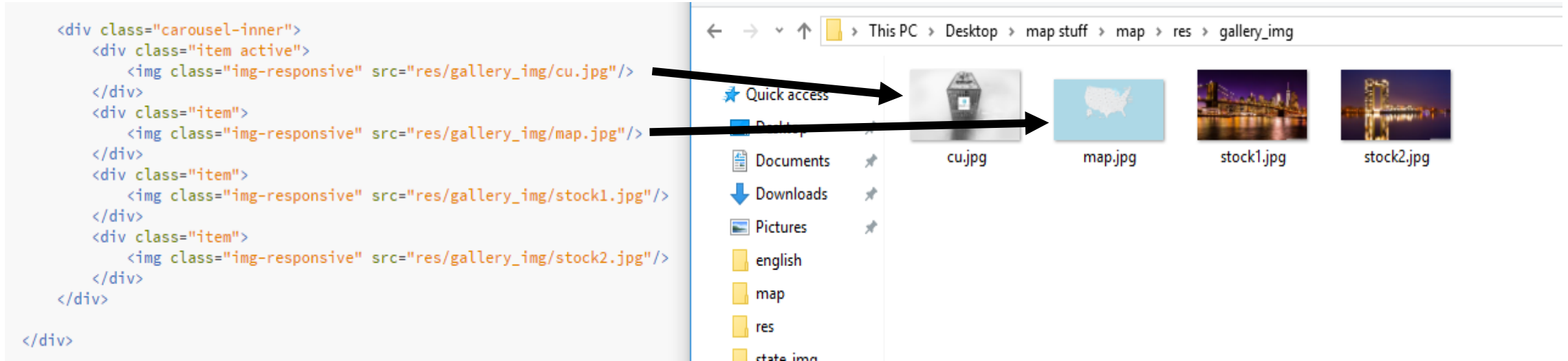# Interactive Map

Info

LANDING PAGE

- Full screen vertical carousel

- 10 second timer between slides

- Two buttons
  - Left button for interactive map
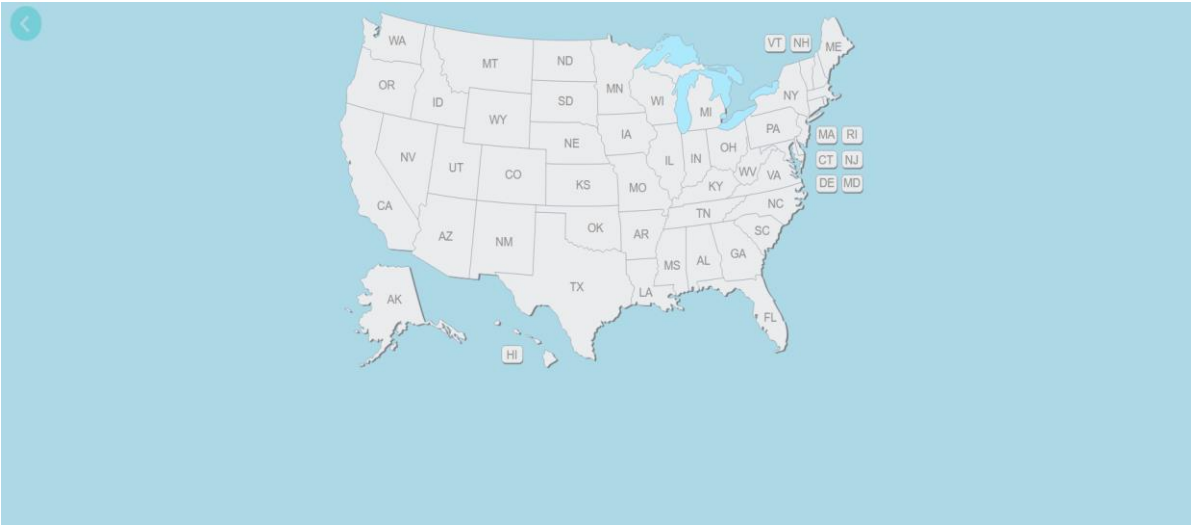 - Right button to be decided

LANDING PAGE

- Slide images to be placed in folder, res -> gallery_img
- Insert path to images in 'src' attribute of <img> tags
- To increase number of gallery images (default 4), create div tags with class="item"
- Best to have images with resolution that maintain aspect ratio on presentation device for full screen effect, otherwise it will be vertically centered

MAP

- Top left button takes you back to landing page
- Hovering over states displays full name (holding on mobile devices)
- Click on a state displays information overlay
- Map colors adjustable
- Background color adjustable

- Top left button takes you back to map view
- Overlay consists of
  - Header – state name
  - One image
  - Left panel
    - English texts
  - Right panel
    - Chinese texts

MAP

- content mapped in 'state_mappings.js' in the js folder
- Uses maps as data structure (key / value pair)
- All keys are formatted: **st_x. x** being a number 1 – 50
  - Already configured, states arranged alphabetically (1- 50)
- Maps (insert data into these maps)
  - state_mapping - state name, no need to modify
  - state_img - name of image file (with extension), [e.g] alabama.jpg
  - state_brief – right panel text
  - state_briefCN – left panel text (chinese)
- All maps have corresponding 'get' function returning appropriate data
  - Functions invoked in javascript

MAP

```javascript
1  function openOverlay(stateID) { //stateID is st_1 - 50
2      document.getElementById("myNav").className = "navbar navbar-inverse navbar-fixed-top";
3      document.getElementById("close_btn").style = "visibility: hidden;";
4      $('#map-tip-us').hide();
5
6      document.getElementById("state_id").innerHTML = getState(stateID);
7      document.getElementById("state_img").src = "./res/state_img/" + getStateImg(stateID);
8      document.getElementById("p_brief").innerHTML = getStateBrief(stateID);
9
10     document.getElementById("p_briefCn").innerHTML = getStateBriefCN(stateID);
11
12     document.getElementById('my_overlay').style.width = "100%"; /* this line opens the overlay */
13 }
```

```javascript
65  var state_img = {
66      "st_1": "alabama.jpg",
67      "st_2": "alaska.jpg",
68      "st_3": "arizona.jpg",
69      "st_4": "arkansas.jpg",
70      "st_5": "california.jpg",
71      "st_6": "colorado.jpg",
72      "st_7": "connecticut.jpg",
73      "st_8": "delaware.jpg",
74      "st_9": "florida.jpg",
75      "st_10": "georgia.jpg",
76      "st_11": "hawaii.jpg",
77      "st_12": "idaho.jpg",
78      "st_13": "illinois.jpg",
79      "st_14": "indiana.jpg",
80      "st_15": "iowa.jpg",
81      "st_16": "kansas.jpg",
82      "st_17": "kentucky.jpg",
83      "st_18": "louisiana.jpg",
84      "st_19": "maine.jpg",
85      "st_20": "maryland.jpg",
86      "st_21": "massachusetts.jpg",
87      "st_22": "michigan.jpg",
88      "st_23": "minnesota.jpg",
89      "st_24": "mississippi.jpg",
90      "st_25": "missouri.jpg",
91      "st_26": "montana.jpg",
92      "st_27": "nebraska.jpg",
93      "st_28": "nevada.jpg",
94      "st_29": "newhampshire.jpg",
95      "st_30": "newjersey.jpg",
96      "st_31": "newmexico.jpg",
97      "st_32": "newyork.jpg",
98      "st_33": "northcarolina.jpg",
99      "st_34": "northdakota.jpg",
100     "st_35": "ohio.jpg",
101     "st_36": "oklahoma.jpg",
102     "st_37": "oregon.jpg",
103     "st_38": "pennsylvania.jpg",
104     "st_39": "rhodeisland.jpg",
105     "st_40": "southcarolina.jpg",
106     "st_41": "southdakota.jpg",
107     "st_42": "tennessee.jpg",
108     "st_43": "texas.jpg",
109     "st_44": "utah.jpg",
110     "st_45": "vermont.jpg",
111     "st_46": "virginia.jpg",
112     "st_47": "washington.jpg",
113     "st_48": "westvirginia.jpg",
114     "st_49": "wisconsin.jpg",
115     "st_50": "wyoming.jpg"
116 }
117
118 function getStateImg(key) {
119     return state_img[key];
120 }
```

- Do not need to modify if you did not add new tags
- 'overlay.js' in js folder
- Images are stored in folder, res -> state_img
  - Already prepended (see image above), if image are in different folder, change path accordingly
- Image file names must be mapped appropriately, see right hand image for example
- Element p_brief is <p> tag within left panel
- Element p_briefCn is <p> tag within right panel

Example

```
var state_brief = {
    "st_l": "a l a b a m a",
```

```
var state_briefCn = {
    "st_l": "a m a b a l a",
```