# Specification

You are given the following JSON object which will serve as mock back­end data:

{

"results": [{

"price": "$726,500",

"agency": {

"brandingColors": {

"primary": "#ffe512"

},

"logo": "https://i1.au.reastatic.net/170x32/d9e65c666e427e655fb63dcfe73f50d4ac7ff9a58c173db9474bd92e75b01070/main.gif"

},

"id": "1",

"mainImage": "https://i2.au.reastatic.net/640x480/20bfc8668a30e8cabf045a1cd54814a9042fc715a8be683ba196898333d68cec/main.jpg"

}, {

"price": "$560,520",

"agency": {

"brandingColors": {

"primary": "#fcfa3b"

},

"logo": "https://i4.au.reastatic.net/170x32/a3bd69c1a5c651eca02dd829fdd4d11d1a0b3bb6b00db79410817d17067bd495/main.gif"

},

"id": "2",

"mainImage": "https://i1.au.reastatic.net/640x480/88586227f9176f602d5c19cf06261108dbb29f03e30d1c4ce9fc2b51fb1e4bd6/main.jpg"

}, {

"price": "$826,500",

"agency": {

"brandingColors": {

"primary": "#57B5E0"

},

"logo": "https://i1.au.reastatic.net/170x32/b269b079bf554d2ae9ca01d578bb3d80ec5fbb4f57062bbfcd51bbf1f2d13981/main.gif"

},

"id": "3",

"mainImage": "https://i4.au.reastatic.net/640x480/98cee1b2a3a64329921fc38f7e2926a78d41fcc683fc48fb8a8ef2999b14c027/main.jpg"

}],

"saved": [{

"price": "$526,500",

"agency": {

"brandingColors": {

"primary": "#000000"

},

"logo": "https://i2.au.reastatic.net/170x32/3015ba9710c7e3ddc2ac30f45fd7906df5b04e442a7f6948f75a6029b8b871e2/main.gif"

},

"id": "4",

"mainImage": "https://i2.au.reastatic.net/640x480/5e84d96722dda3ea2a084d6935677f64872d1d760562d530c3cabfcb7bcda9c2/main.jpg"

}]

}

Display the list of properties using the data set within the “results" array running down the page in a column that has a heading labeled **Results**. There will be a second column with a heading **Saved Properties**, along side the **Results** column. It will contain the initial property within the “saved" array

Hovering over a property card in the **Results** column will display an ’add’ button. Clicking the ‘add’ button will create the property in the **Saved Properties** column. Hovering over a property card in the **Saved Properties** column will display a 'remove’ button. Clicking the ‘remove' button will remove the property from the list of saved properties.

A diagram of a potential users flow is illustrated below: Take note of the ID’s and the flow to get an idea of the User experience.

## What we are looking for:

* Code separated into Modules where appropriate. (AMD/Commonjs/ES6) etc
* Logical sequence of commits so we can see how you came to the solution.
* Testing, (Capturing the business logic of the above requirements) or at the very least around the adding and removing of data.
* Instructions on building the project and some documentation.

