Wallapop Frontend Test

What is this about

The purpose of this test is to know your ability to create a modern and functional single page application.

Below you'll find the features, the requirements and the key points you should use while developing.

What we'll evaluate

● You are free to use any JavaScript libraries and/or frameworks you want. However, an MVC/MVVM style framework is encouraged.

● IE8- support is NOT needed. You can develop the application only taking into consideration IE9+ browsers (with ES5 support).

● The use of ES6 features is allowed and encouraged (but you should use a transpiler to produce ES5 valid JavaScript).

● The use of CSS processors (Sass, LESS...) is allowed and encouraged.

● The following are a bonus points for the candidate:

   ○ Code quality

   ○ Mobile support

   ○ Application structure

   ○ Unit testing

   ○ User Interface

   ○ Optimization (load times and rendering performance)

What we want you to do

As a user I want to have access to an Item Manager where I can search items given the following criteria:

- Title
- Description
- Price
- Email

Each item will have these fields and a picture.

When I perform a search that has results, I'd like to be able to view a list of the items listing all that information. Also I want to have the ability to order the listed items by title, description, price or email.

Also, I want to be able to have a favourite items list, so I want to be able to select the items from the list and save them on my favourite list, which should be able to be displayed on a modal containing all those items showing only the picture and the title. I would like to be able to open this modal by clicking on a button that should be displayed in some place on the page where it's easily accessible.

In the favourite modal, I want to be able to search by title and the possibility to remove the items from the favourite list without having to close the modal.

The JSON with the items information contains 30 items. The 30 items should NOT be displayed all at once. I'd like to receive 5 items each time (with an initial load of 5 when the page is loaded), so some pagination method should be implemented to view the remaining items(clicking a button, with endless scroll…it's up to you).

Delivery requirements

You can use any strategy you want to save the items as favourites. This list doesn't need to be persisted when you reload the page.

You'll be able to find all the information of the items on the attached zip. It contains a JSON file with the items information (title, description, price, email, image) and the images.

You must send your solution with all the files needed via a repository such as Github or Bitbucket.