

Front End Test Case Instruction

Introduction

First of all, we would like to congratulate you for your accomplishment in previous test, now we are moving on to **front-end** specific test. The test is quite simple, your job is to **slice** the given design.

***Slice = PSD to HTML**

Instruction

Please follow these instruction to complete this assignment.

1. Open the **marvelapp** link, have a look at it, and carefully observe its interaction (click this show that, etc.). This will provide you a big picture how the web would be.
This is the **marvelapp** link: <https://marvelapp.com/1620fji/screen/14901302>
2. Open the **design file**. We will give you both in **PSD** and **JPEG**. We suggest that you have Adobe Photoshop so that your slicing would be more precise. We do hope that you have a base skill in photoshop, to do some selection in the file.
3. You can have your own file structure but, we suggest that by default you has these folders.
 - a. **CSS** - Where you store all `.css` Files
 - b. **JS** - Where you store all `.js` and `.json` Files
 - c. **IMG** - Where you store required image files (ex `.jpeg` or `.png`)

Remember that this is **not mandatory**. You are welcome to use any frontend frameworks.

4. During your implementation, stay sharp to the specification given below, otherwise your result will not be as expected.
5. ZIP all of your files, and name it:

`Xtremax-FrontEndTest-<namehere>.zip/rar`

After that, attach the file and send it to **indonesiahr@xtremax.com**.

Specifications

For your assignment, here are some specification that you've must complete.

1. Use external **.json/.xml** file to store the map data such as:
 - a. Latitude
 - b. Longitude
 - c. Place Name
 - d. Place Description, etc.
2. Here are the location for each pin, each is formatted
(**Latitude, Longitude - <Place Name>**)

- a. 1.286920, 103.854570 - Merlion
 - b. 1.287466, 103.851424 - Asian Civilisations Museum
 - c. 1.290555, 103.846188 - Clarke Quay
 - d. 1.295526, 103.845331 - Fort Canning Park
 - e. 1.302279, 103.837399 - Orchard Road
 - f. 1.289332, 103.863152 - Singapore Flyer
 - g. 1.283099, 103.860295 - Marina Bay Sands
 - h. 1.281790, 103.863954 - Gardens By The Bay
 - i. 1.284193, 103.843362 - Chinatown
3. Using **AJAX** for data retrieval.
 4. The website is compatible across multiple browser from **IE 11, Edge, Chrome, and Firefox**.
 5. You can use **Google Map API** for loading the map.
 6. The Default Zoom Value of the map is **15**, and if user click any **pins** in the map, the zoom value would be **17** and the pin is **centered horizontally and vertically** within the map.
 7. If you are using code from **Q&A website** (*stack-overflow*, etc) please **give a comment** before the code which contains the link or how'd you modify the snippet. If we found out that you are purely copy paste from the source, there will be a score reduction.
 8. **All the pin** in the map can be **clicked** and show **different** description about the place.
 9. The website **does not need to be responsive**. Doing responsive or so will be **ignored**. So don't waste your time here.

Tips

For your assignment, here are some tips that might help you out.

1. If you are using photoshop, you can use marquee tool to measure width/height and using F8 to show the data. Conformance is really important, the more your slicing is accurate within the design, the better.
2. We love developers who gave comments on his/her code, so don't be hesitated to give comments on your functions, closing tag, or stylings.
3. You are welcome to use any **plugins** for your code, and we recommend it, such as **jquery** or **jquery UI**. You also can use CSS frameworks such as **bootstrap** or **foundation**. And also, you can use **preprocessing** language too if you like.