

WE Housing

Front-end Intern Coding Exercise


Oct 2015

Overview

You are asked to build a simple web application that comply with the following UI design, using modern Web technologies, including html, css, javascript:

Minneapolis, MN: 4 Apartments


PopularityPrice



The Pavilion on Berry

University of Minnesota, Twin Cities
Minneapolis, MN


From **\$512**
USD / Month



Radius @15th

University of Minnesota, Twin Cities
Minneapolis, MN


From **\$492**
USD / Month



416 Lofts

University of Minnesota, Twin Cities
Minneapolis, MN

From **\$460**
USD / Month



Edge on Oak

University of Minnesota, Twin Cities
Minneapolis, MN

From **\$532**
USD / Month

Functional Requirements

1. The web application includes two views: the **list** view (as illustrated in the image) displaying all the apartments, and the **detail** view showing the details about each apartment. When clicking on the title of each apartment in the **list** view, it switches to the **detail** view. The **detail** view is not provided with specific UI design, so feel free to use any design, or you can simply display the clicked apartment title in the **detail** view.
2. Please use a **JSON** file to load the apartment data, and use it to display the UI elements dynamically. An example json file is provided (*apartment.json*), but feel free to modify the JSON structure or values to satisfy your need. Some apartment images are given for your convenience (*image-1.jpg*, *image-2.jpg*, etc), but feel free to use any images you can find.
3. Your application is required to support pagination. You need to display 12 apartments in total with 5 apartments per page.
4. The apartment list can be sorted descendingly by price or popularity by clicking on the related buttons:



Technical Requirements

- **Required:** The application must be implemented using plain HTML+CSS+JavaScript or any CSS+JavaScript frameworks.
- **Required:** The main entry file is named index.html and can be served using any simple HTTP servers. NO server side scripts (e.g. php, jsp, python, ruby...) are needed.
- **Required:** The implementation needs to support the latest version of Chrome, Safari, and IE.
- **Optional:** We recommend the use of Bootstrap and AngularJS to speed up your implementation, but it is totally fine to use plain HTML/CSS/JS, or any CSS or JavaScript framework you are most familiar with.
- **Optional:** Supporting responsive design on mobile devices are a big bonus, but not required.

Deliverables

1. Please send your results **within 24 hours** from this task is sent out to you.
2. You can respond with the source code packaged in one zip file, but we highly recommend you create a Github repository, host your source code there, and send us only the URL link to the repository.