# Candidate Evaluation Task

## Application Developer Intern

# Contents

# Requirements

## Business needs

A large real estate company wants their Properties to be listed on a public web site. The user should see Property image, location on a Google Map and other details. Property can have several Availabilities which should be displayed in a table under the Property information.

## Schema

### Property

| Field name | Type | Values |
| --- | --- | --- |
| Name | String | |
| Address | String | |
| Property Type | Options set | Office, Commercial, |
| Property Class | Options set | A+, A, B, C |
| Floors | Number | |
| Total Building Area | Number | |
| Tenancy | String | |
| No. of Tenant | Number | |
| Website | String | |
| Year Built | Number | |
| Description | String | |

## Availability

| Field name | Type | Values |
|---|---|---|
| Unit Name/Number | String | |
| Record Type | Options set | Vacant, Future Available, Unavailable |
| Available Area | Number | |

## System requirements

### Resources

The solution should consist of following resources:

| Resource Type | Description |
|---|---|
| HTML | Main page layout |
| JSON | Main data source. Contains information about Properties and their Availabilities |
| JS | Fetches data from properties.json to render them on the main layout, implements Google Map integration logic |
| CSS | Custom styles for the main layout |

Note: Feel free to use any type of icons and images.

### Google Map integration

- Documentation with an example here:
  https://developers.google.com/maps/documentation/javascript/adding-a-google-map
- Use Property "Address" field to create a marker
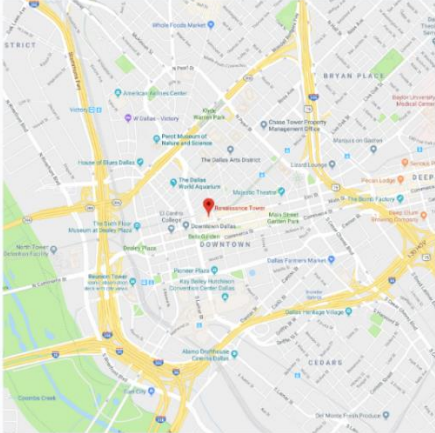
## UI example



**Renaissance Tower**

1201 Elm Street, Dallas, TX 75251

### PROPERTY DETAILS

| | | | |
|---|---|---|---|
| **Property Type:** | Commercial | **Website:** | www.renaissancetower.net |
| **Total Building Area:** | 1,700,000 | **Property Class:** | A |
| **Tenancy:** | Lorem Ipsum | **Year Built:** | 1974 |
| **No. of Tenant:** | 59 | **Floors:** | 56 |

**Description:** Completed in 1974, the office tower was substantially renovated between 1986 and 1991 and emerged with a heightened image and even more illustrious profile within Downtown Dallas. Renowned for its distinctive double "X" lighting and majestic rooftop spires, Renaissance Tower is a Dallas Landmark.

### AVAILABILITIES

4 records

| Unit Name/Number | Record Type | Available Area |
|---|---|---|
| Renaissance Tower, 1 /F -, 1 - 999 | Vacant | 25,667.00 sf |
| Renaissance Tower, 2 /F -, 2 - 999 | Future Available | 25,667.00 sf |
| Renaissance Tower, 3 /F -, 3 - 999 | Future Available | 25,667.00 sf |
| Renaissance Tower, 4 /F -, 4 - 999 | Future Available | 25,667.00 sf |

# Steps to complete

1. Create a solution with all required resources
2. Publish it on a GitHub https://github.com/
3. Describe what you have done in a few sentences
4. Send back the link to your repository/project

## About Ascendix Technologies

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