Dragontail Systems - Fullstack Test

Estimated work effort: 4-5 hours

Introduction

This document describes a general specifications and aims to check basic skills of programming techniques and methodology.
This document includes both Back-end and Front-end requirements.

Goals

Create a web page that loads a list of restaurants from a CSV file and displays the data in a searchable table.

Recommendations

1. Golang – **BIG advantage**.
2. WebSockets communication – **advantage**.
3. Modern JS Framework – **BIG advantage**.
4. Unit testing – **BIG advantage**.

Guidelines

1. You can choose any programming language.
2. Relational SQL is mandatory.
3. hen finished, the test should be uploaded to a PaaS/SaaS host of your choice for review (Heroku, App Engine, Digitalocean etc…)
4. All the project files should be zipped or git repository sharing, send to dev@dragontail.com
5. CSV file attached.

Specifications

1. Load csv files only.
2. The data from the CSV should be stored into a relational SQL DB.
3. Display the restaurant list on the UI.
4. Create a search bar that updates the UI table on change based on restaurant name.
5. Provide an interface to edit and delete restaurants.
6. Location column should display the address of the restaurant location.

Example: for LatLng "32.096011/34.821720" the UI should display 'Ben Gurion 1, Ramat Gan'.
You can use Google Geocoding API or any other Location service to get the address.