Fake Umbrella

"We keep you dry"

Fake Umbrella system requirements

Summary

This document describes Umbrella commercial team requirements for a software that supports their sales process.

The expected result is to have a web page where the commercial team can keep track of customers and if there will be rain during the days for some customers, so they can call this customers.

Features

All features should be separated as web interface and api, and the communication should use json format.

Customer database

- This page should offer the options to create, update and delete customers.
- Each customer should have the following information: name, person of contact, telephone number, location, number of employees.

Where is it raining?

- This report screen should consult https://openweathermap.org/forecast5 to identify which customers will have rain for the next five days, the implementation should use the free services from open weather map.
- A list of customers that will have rain for the next 5 days should display on the screen with the name, contact and phone number and for when the rain is expected.

Top 4 customers

- This report should display a bar chart with the top employee companies.
- Each bar height should reflect the number of employees.
- When there is a forecast of rain for the next 5 days for that customer, the bar should be green otherwise red.
- Please use the following chart as visual reference.