



Crazy about pizza!

Pizza Corner, a well-known fast food company, records the incidents that their employees suffer during working hours. Its objective is to reduce work accidents through the analysis of these incidents.

The supervisor of each location is responsible for recording the incidents through a mobile application that stores the incidents in a company owned server.

Previously, Pizza Corner hired an external company to develop a web portal that would allow them to view all recorded incidents. Over the years, this portal has been quite outdated and now they need your services to renew it.

Project

The company requests a prototype consisting of a web formed by a single page that includes:

- The logo of the company.
- A form that allows the user to enter a search criteria.
- A table that displays incidents.

Logo

The logo of the company can be found in the “**assets**” folder.

Search form

The form must have a single text field to let the user enter a search criteria, so she/he can **filter** the results of the table of incidents.

Incident table

The incident table must display the following data:

Finecortex Junior Programmer Code Test

- Date of creation of the incident.
- Full name of the employee who has suffered the incident.
- Type of injury.
- Location where the incident has occurred.
- Affected body parts.

The incidents can be **sorted**, ascending or descending, by clicking on the header of the columns. Only the following columns require sorting:

- Creation date
- Employee
- Injury type
- Location

It will also be mandatory to display the incidents in a **paged** fashion since the company has more than 10,000 registered incidents.

Warning: The frontend does not have to implement the logic of filtering, paging and ordering. The backend is responsible for these tasks. For more information, consult the API documentation.

Requirements

One of the managers of Pizza Corner demands the following technical requirements:

- The web must be built with the [Vue.js](#) framework.
- The use of a **CSS framework** is not mandatory but it is recommended.
- A **README** file must be included with instructions on how to start the project.

The following aspects will be evaluated in a very positive way:

- Clean code.
- Responsive design.
- Number of requests to the backend (the smaller the number the better).
- TypeScript.
- Unit tests.

Backend

Pizza Corner provides you with a backend so you can work locally and make requests to their incident API.

Running the backend

Point your shell to the “**backend/bin**” folder and then run the executable for your OS. If you are on Linux/macOS make sure that you have execute permissions, if not just execute this command:

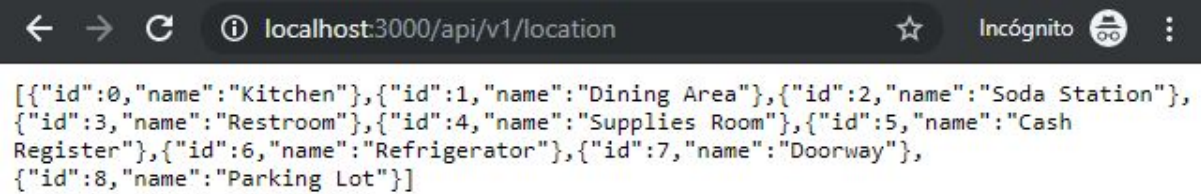
```
# Linux
```

```
chmod +x ./backend-linux  
  
# MacOS  
chmod +x ./backend-macos
```

You should see the following message after launching the executable:

```
Server running on port 3000
```

To check that the backend is working correctly, [click here](#). In your browser you should see something like this:




```
[{"id":0,"name":"Kitchen"}, {"id":1,"name":"Dining Area"}, {"id":2,"name":"Soda Station"}, {"id":3,"name":"Restroom"}, {"id":4,"name":"Supplies Room"}, {"id":5,"name":"Cash Register"}, {"id":6,"name":"Refrigerator"}, {"id":7,"name":"Doorway"}, {"id":8,"name":"Parking Lot"}]
```

Documentation

The documentation of the incident API can be found in the "**backend/api**" folder. Open the **index.html** file with your preferred browser to consult it.

Expectations

The following image shows the expectations of Pizza Corner for this prototype:



Search

Incidents

Created ↑	Employee	Injury Type	Location	Body Parts
12/06/2019	Travis Miranda	Cumulative Trauma	Kitchen	Left Wrist
11/06/2019	Gill Sanchez	Occupational disease	Restroom	Right Foot, Right Wrist
11/06/2019	Gibbs Spencer	Cumulative Trauma	Kitchen	Right Leg
08/06/2019	Bettie Cochran	Cumulative Trauma	Cash Register	Left Ankle, Right Hand
05/06/2019	Laverne Haley	Occupational disease	Soda Station	Right Thumb
25/05/2019	Deirdre Mueller	Occupational disease	Parking Lot	Left Foot, Right Arm, Right Foot
25/05/2019	Clare Irwin	Cumulative Trauma	Doorway	Right Eye, Fingers
9/04/2019	Osborne Bradley	Cumulative Trauma	Kitchen	Right Ankle, Head

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This image should only serve as a reference. You can design the page in a way that you think is most convenient. Be creative!