

## Research Software Engineer Challenge

### ➤ Walk-Through ([GitHub](#))

The application is a check-in system to register the traffic in a company.  
For that we have 3 main entities:

- The company
- The Employee
- The check-in (Mark)

The check-in entity is the relationship between the employer, the employee and date of marking the check-in.

Well for that we made the following functions:

#### Create an Employer:

- <http://127.0.0.1:5000/signup>

In this section, we will allow an employer to register for the senior API by providing a username and a unique password in a JSON format using the POST method.

```
{"name":"senior","password":"senior"}
```

#### Sign in the Employer:

- <http://127.0.0.1:5000/signin>

Now we have successfully registered an employer. Let's go-ahead to allow the employer who just registered to login in order to generate a temporary random token to access the Points/check-in table.

We do the same for the employee except that we add an input as a reference to the employer as follow:

```
{"name":"senior","password":"senior","employerId":2}
```

#### Register an Employee:

- <http://127.0.0.1:5000/register>

#### Login an Employee:

- <http://127.0.0.1:5000/login>



