# Employee Creator App

Learnings

* MySQL uses snake case; Spring Java uses camel case variables.
* Added logger messages (SLF4J)
* Use endpoints and implement logic while fetching from database, keeping React-side lighter and more presentation-oriented.
* Reusing code from previous projects (eg. Used pagination from Google api project) – already used and worked.
* Keep adding items to documentation, during development instead of at the end.

Techstack

React Typescript, Chakra UI, Faker, Randomuserapi (photos), MySQL, Spring Java, axios, RESTful API, Logger

Project folder structure

Spring Java

* Employee
* Contract
* Employee Archive
* Contract Archive

React

* Services – axios fetch
* context –Employee context provider, call api
* Components – Display logic

EER diagram

A screenshot of a computer

Description automatically generated

Screenshots

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Endpoints

|  |  |  |
| --- | --- | --- |
| **api** | **Endpoint url** | **Description** |
| Delete | [http://localhost:8080/employees/{id}/](http://localhost:8080/employees/%7bid%7d/) | Deletes employee and ongoing contracts identified by their ids passed and archives in Employee and Contract tables |
| GET | http://localhost:8080/employees | Fetches all employee records |
| Update | <http://localhost:8080/employees/>{id} | Update employee and ongoing contract records |

Yet to do

* Add Create and update logic to Form.
* Add alerts
* Add more comments to code
* Implement testing.
* Detailed Documentation

<<Code showcase>>