

**Author :**  
Samrat Nayak

## Functional Description:

The employee management application is a web application that enables admin to add/ modify/ view employee data.

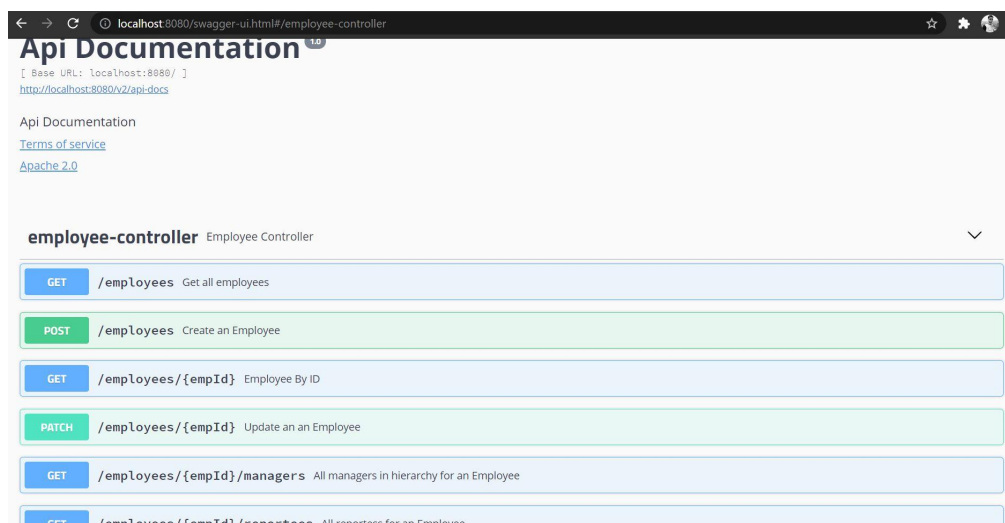
## User Interface:

The application has a simple user interface with List of Employees with Search Capabilities. It is developed using React JS library.

Search <input type="text"/>				
EMP ID	NAME	AGE	MANAGER ID	MANAGER NAME
1	John	30		
2	Vipul	27	1	John
3	Dave	26	1	John
4	Will	25	3	Dave
5	Kailash	23	4	Will

## Backend:

It has swagger API documentation which can be used to know/ test about all the rest endpoints. The database used is in memory H2 database.



**Table EMPLOYEE schema**

Column Name	Data Type
Id	Number
Name	Varchar
Age	Number
ManagerId	Number

The user interface communicates the backend using HTTP rest endpoints through async calls which fetches the data from DB using jdbc and displays the data once available.

UI ----> API ---> DB

**Tech stack used:**

- Java 8
- Spring boot 2.5.5
- React JS 17