Society Generale- Employee Portal

Revision List

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| --- | --- | --- | --- |
| **Ver. Rev** | **Date** | **Authors** | **Description** |
| 0.1 | 29-July-2019 | Chakradhar B | Employee Portal Design |
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# INTRODUCTION

This document describes the Understanding of Employee Portal application.

# Technologies Used:

Front End: Angular 7, Bootstrap, Typescript, Jasmine, Karma

Back End: Java 1.8, Spring Boot, Rest API, Swagger, Junit, Mockito and Maven 3

DB: H2 DB

# Use Cases:

* **Use Case 1: Employee Registration**
* As a user, I should be able to Register an employee with following details:
  + First Name
  + Last Name
  + Gender
  + Date of Birth
  + Department
* **Use Case 2: Employee List**
* As a user, I should be able to see all the employee details in a tabular form (or any other way) in ascending order by first name

# Application Setup:

# Code Repository:

* + - Find complete code in below GitHub Repository Link

<https://github.com/Chakradhar-Battili/EmployeePortal>

# Frontend:

* + - Install Node.js
    - Install latest Angular using this below command

npm install -g @angular/cli

* + - Build the project using this below command

ng build

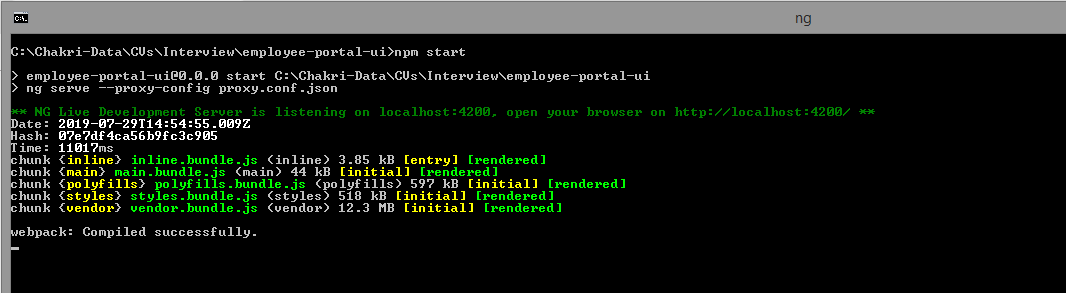
* + - Run below command to Install Node packages i.e. all dependent libraries which are mentioned in the package.json will get stored in node\_modules folder.

npm install

* + - Start Angular application Using the below command

npm start

* + - Once It is ran we would see below snapshot



# Backend:

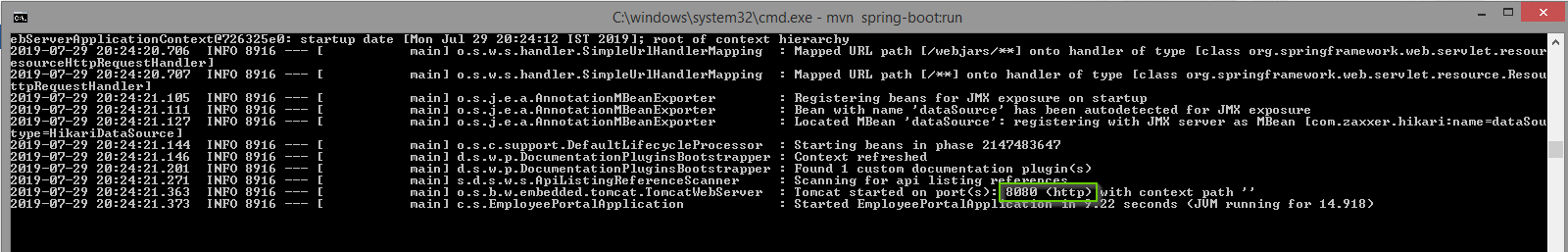
* + - Download Java 1.8
    - Build the Project using below command

mvn clean install

* + - Run Spring Boot Server using below command

mvn spring-boot:run

* + - Once It is ran we would see below snapshot



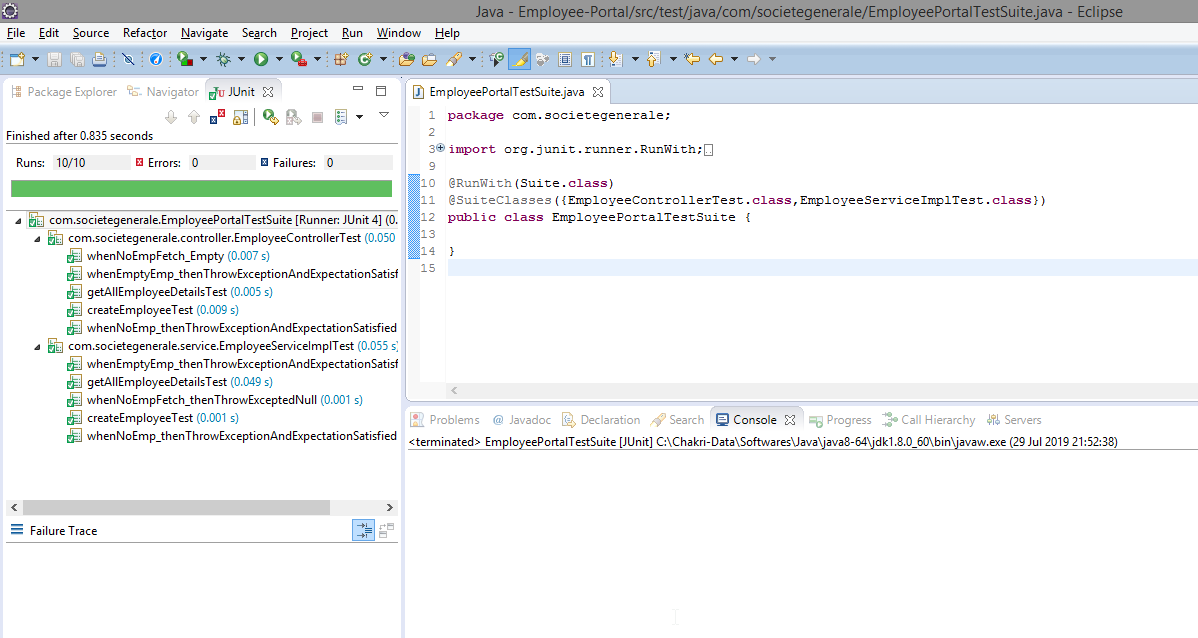
# Test:

# Junit Test cases Run:

* Run the Back-end Junit test cases from eclipse or run below command

mvn clean test

* Once It is run we would see below snapshot

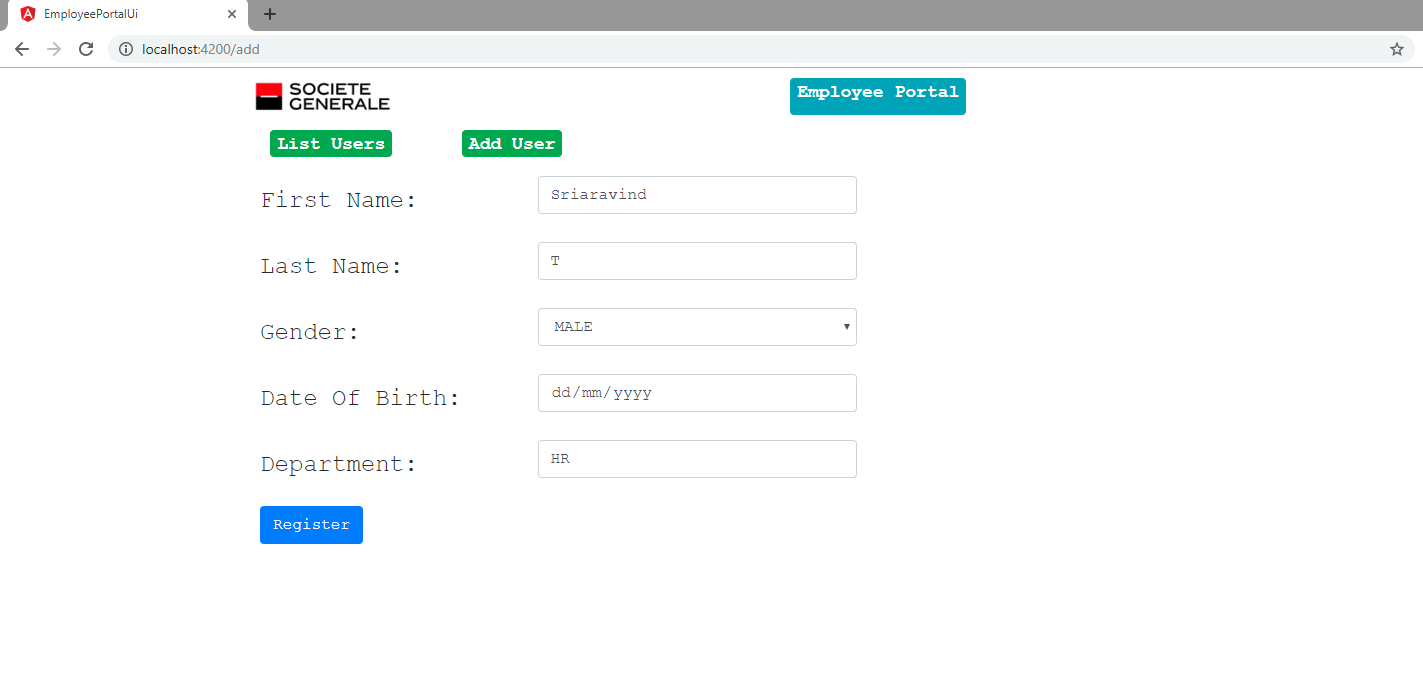


* Run UI test cases of Karma using the below command

ng test

# UI Run:

* Open Below URL in Browser(<http://localhost:4200/>)
* Click on Add User Link, Fill All input fields & click on Register Button



* Click on List Users Link & We would see below page.

