



EMPLOYEE MANAGEMENT

INTRODUCTION

Full Stack Application-**Emoloyee** Management

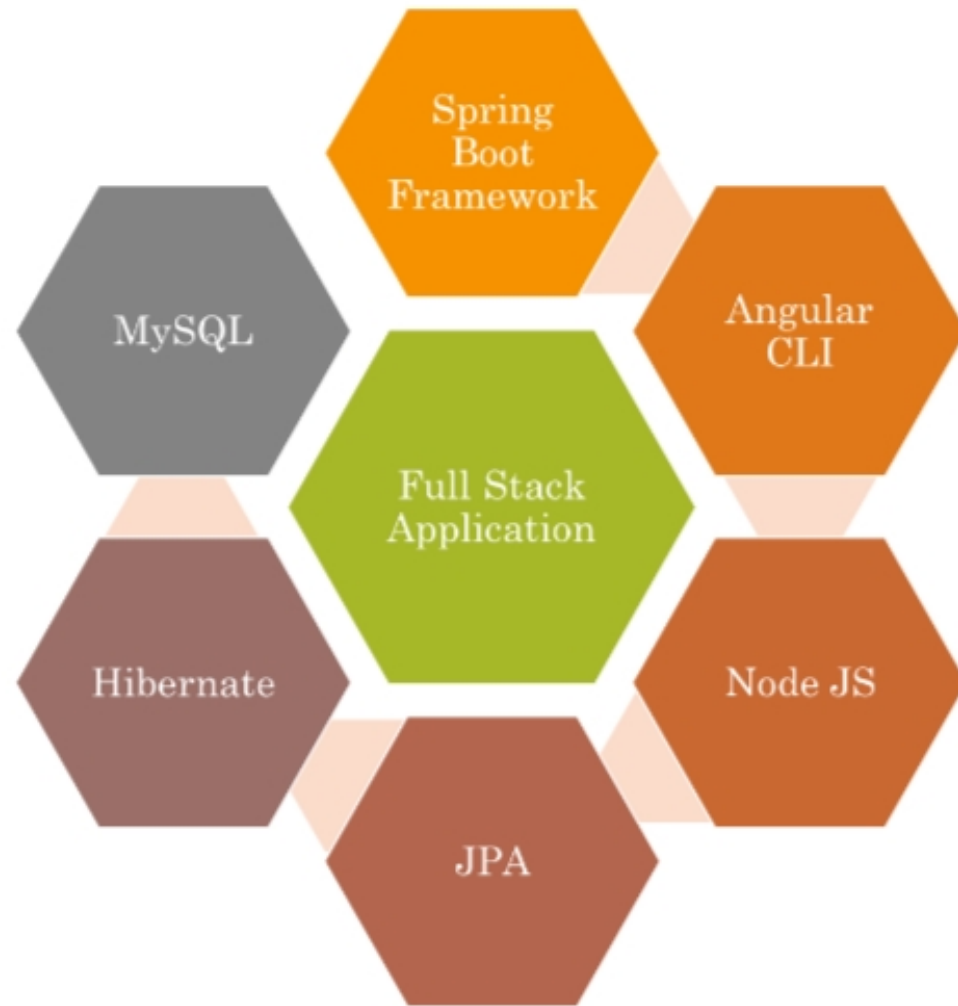
The employee management system is built using a full stack development approach, which encompasses both front-end and back-end technologies.

The front-end is developed using modern web technologies such as Angular, while the back-end is powered by java framework technologies SpringBoot, and a relational database management system (RDBMS) such as MySQL.

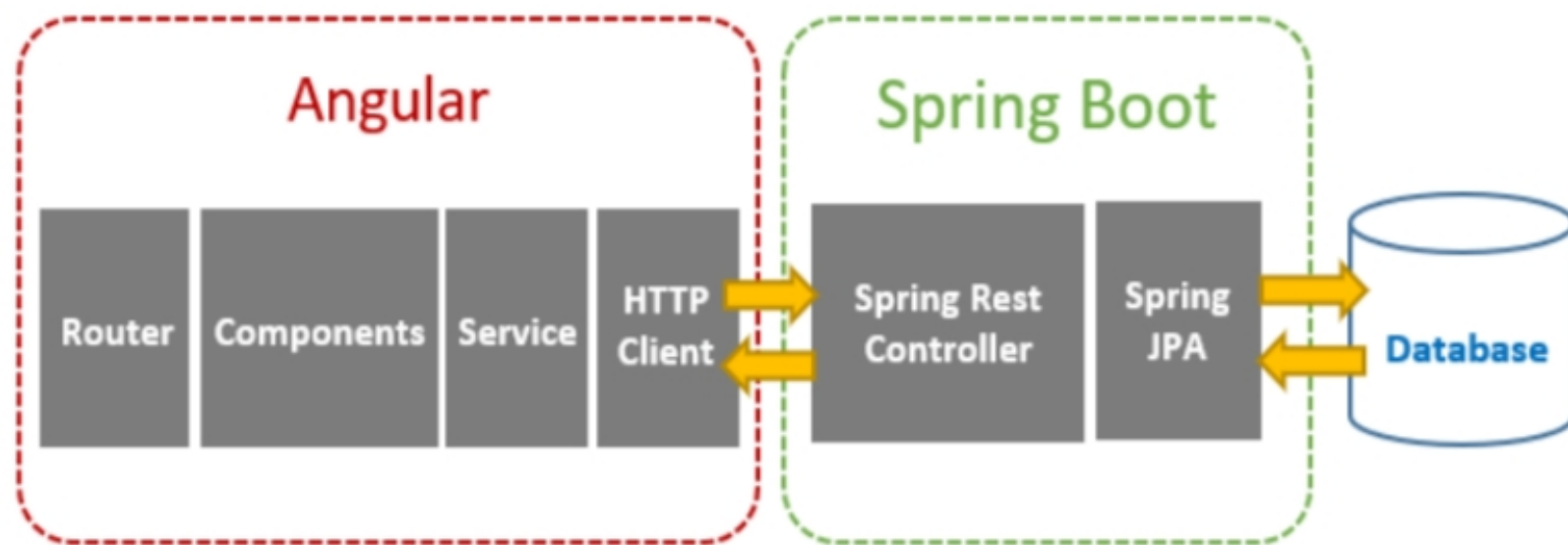
The primary objective of our employee management system is to automate and streamline common employee-related tasks, including employee information management, leave and attendance management, performance tracking, and payroll processing. The system provides an intuitive user interface that allows administrators and managers to easily navigate and perform various employee management functions.



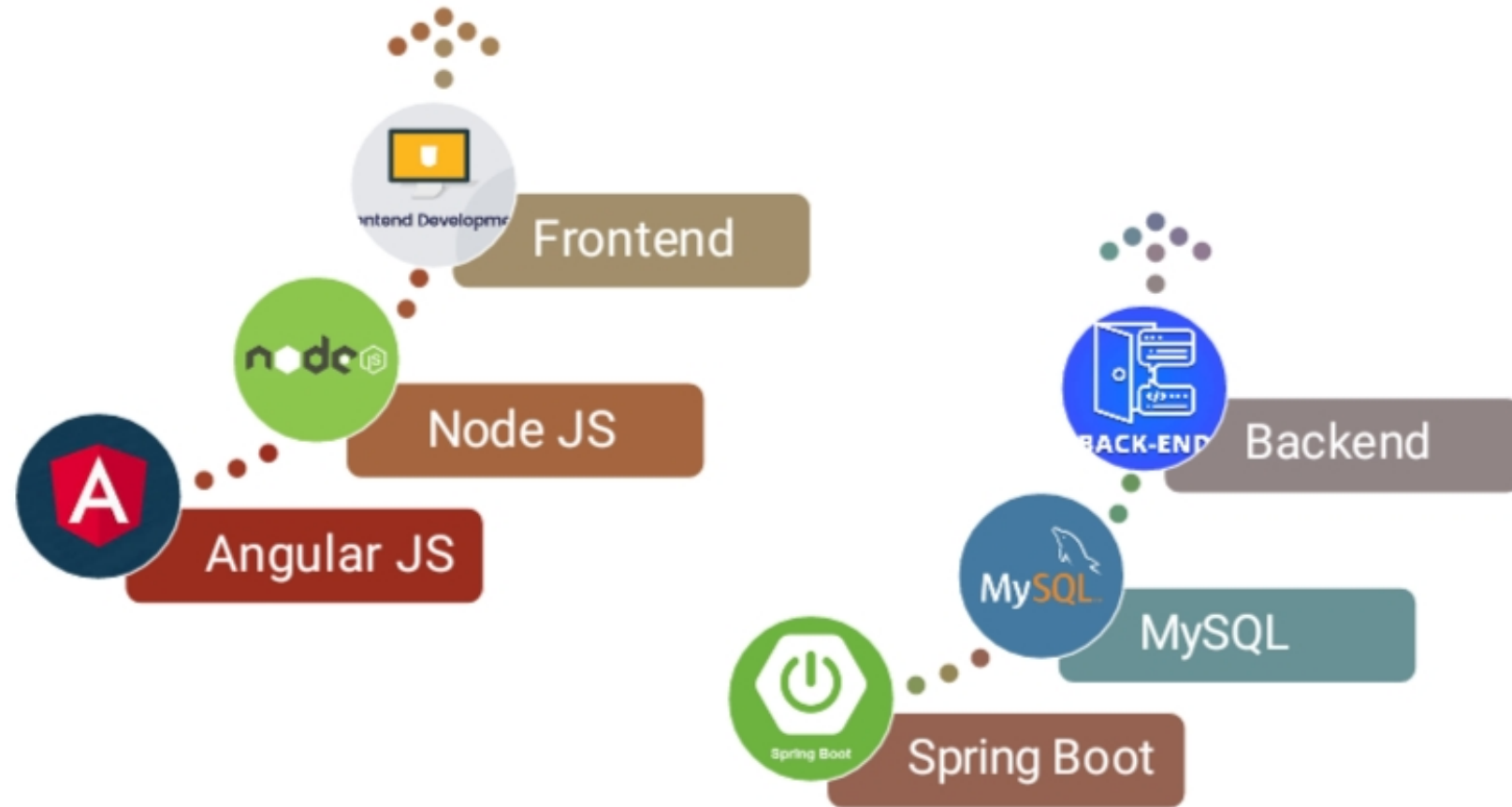
Technologies used.



The Architecture of Angular, Spring & database(MySQL)



The Architecture of the Project



CRUD Operations



EmployeeManagement Add Employee Show AllEmployee

Resignation

Login

LogOut

Contact Us

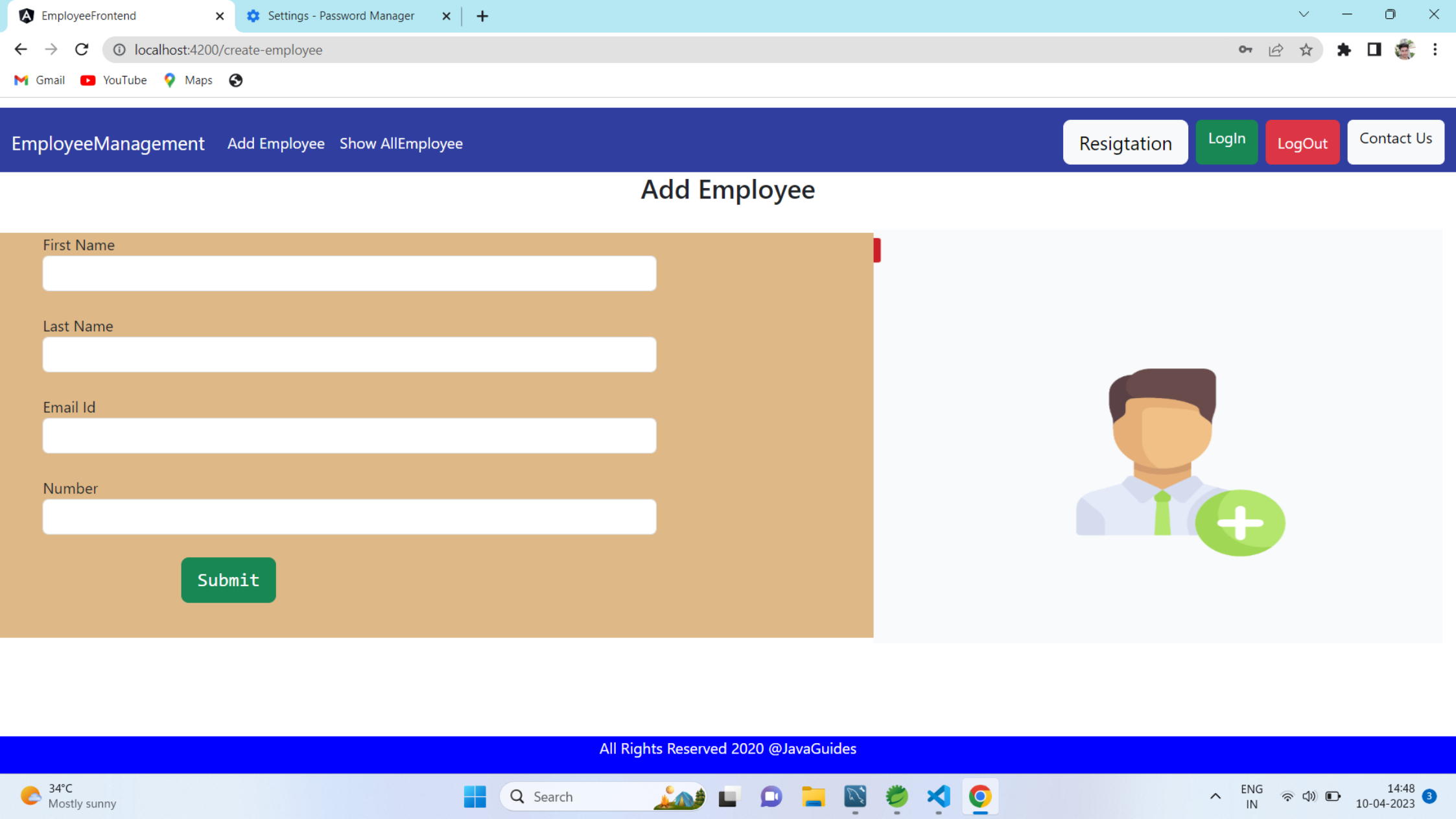
"Manage Employee
and Increase
productivity"

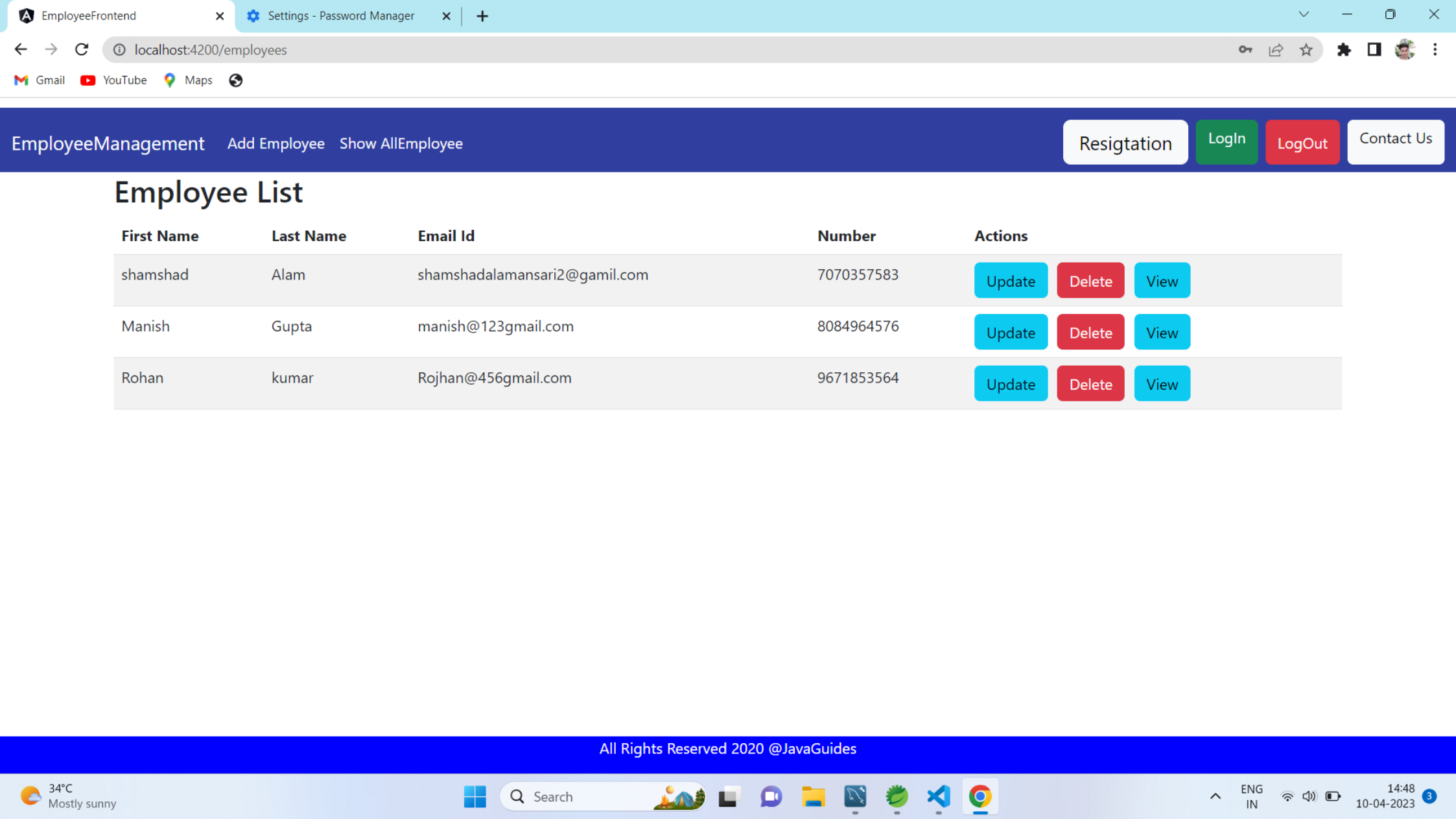
[learn more](#)



Employee Management

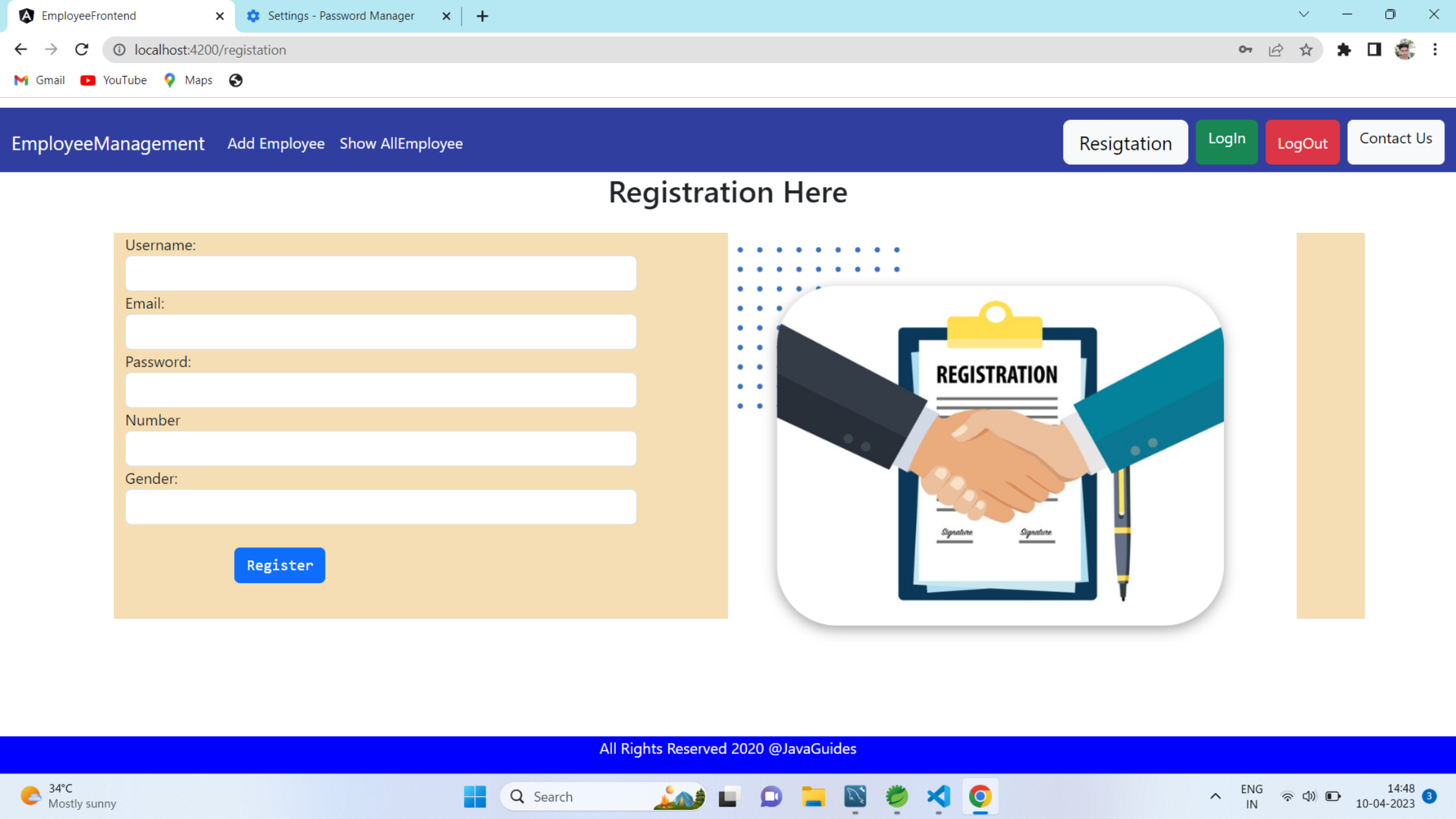
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Employee List

First Name	Last Name	Email Id	Number	Actions
shamshad	Alam	shamshadalamansari2@gamil.com	7070357583	<div>UpdateDeleteView</div>
Manish	Gupta	manish@123gmail.com	8084964576	<div>UpdateDeleteView</div>
Rohan	kumar	Rojhan@456gmail.com	9671853564	<div>UpdateDeleteView</div>



Login

Username:

Password:

Login



If you have any questions or feedback, please feel free to contact us using the form below.

designed by freepik

EmployeeFrontend

localhost:4200/about

GmailYouTubeMaps

EmployeeManagementAdd EmployeeShow AllEmployee

ResigitationLoginLogOutContact Us

About Us

6 WAYS TO CUT DOWN COSTS & SAVE TIME FOR EMPLOYEE MANAGEMENT



The diagram illustrates the 'Key Areas of Employee Management' for a 'Fit Small Business'. It features a central circle with six spokes radiating outwards, each ending in an icon and a numbered label. The areas are: 1. Hiring (top, icon of two people), 2. Measuring (top-right, icon of a bar chart), 3. Interacting (right, icon of two speech bubbles), 4. Developing (bottom, icon of a head with a gear), 5. Rewarding (bottom-left, icon of a medal), and 6. Disciplining (left, icon of a person with a clock). The central circle is labeled 'Key Areas of Employee Management' and 'Fit Small Business'.

Employee management is a broad term that encompasses every aspect of managing, developing, and interacting with your employees. The aim is to give your team members every tool and advantage necessary to help them achieve their personal goals so that your company reaches its corporate objectives. When properly managed, employees become more efficient, engaged, loyal, and supportive of the company and their work. As such, your company can expect increased employee satisfaction, engagement, retention, and overall cost savings. Managers often say that they get caught in the minutia of projects, executing tasks that should be delegated. This is a pitfall for many managers, and it often leaves their employees to make important decisions with little direction or strategic insight from their superiors.

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35°C Mostly sunny

Search

ENG IN

16:30 10-04-2023

workspace-spring-tool-suite-4-4.18.0.RELEASE - springboot-backend/src/main/java/net/javaguides/springboot/SpringbootBackendApplication.java - Spring Tool Suite 4

File Edit Source Refactor Source Navigate Search Project Run Window Help

Package Explorer

SecondSpring

springboot-backend [boot] [devtools]

src/main/java

net.javaguides.springboot

SpringbootBackendApplication.java

net.javaguides.springboot.controller

net.javaguides.springboot.exception

net.javaguides.springboot.model

net.javaguides.springboot.repository

src/main/resources

src/test/java

JRE System Library [JavaSE-17]

Maven Dependencies

src

target

mvnw

mvnw.cmd

pom.xml

SpringData/jpa

SpringFirstDEmo

SpringFirstDEmo_SpringFirstDEmo [boot] [devtools]

Springstarter [boot] [devtools]

Springstarter2 [boot] [devtools]

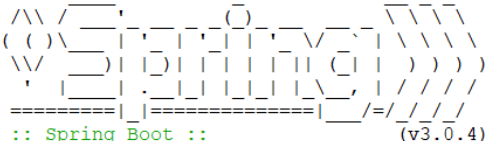
Thirddemo

application.properties Employee.java EmployeeRepository.java SpringbootBackendApplication.java

```
1 package net.javaguides.springboot;
2
3 import org.springframework.boot.SpringApplication;
4
5 @SpringBootApplication
6 public class SpringbootBackendApplication {
7
8     public static void main(String[] args) {
9         SpringApplication.run(SpringbootBackendApplication.class, args);
10     }
11 }
12
13
14
```

Problems Javadoc Declaration Console

springboot-backend - SpringbootBackendApplication [Spring Boot App] D:\sts\sts-4.18.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1729\jre\bin\javaw.exe (10-Apr-2023, 3:21)



```
:: Spring Boot :: (v3.0.4)
```

```
2023-04-10T15:21:15.782+05:30 INFO 1844 --- [ restartedMain] n.j.s.SpringbootBackendApplication : Starting SpringbootBackendApplication
2023-04-10T15:21:15.787+05:30 INFO 1844 --- [ restartedMain] n.j.s.SpringbootBackendApplication : No active profile set, falling back to
2023-04-10T15:21:15.860+05:30 INFO 1844 --- [ restartedMain] .e.DevToolsPropertyDefaultsPostProcessor : Devtools property defaults active! Set
2023-04-10T15:21:15.860+05:30 INFO 1844 --- [ restartedMain] .e.DevToolsPropertyDefaultsPostProcessor : For additional web related logging con
2023-04-10T15:21:16.707+05:30 INFO 1844 --- [ restartedMain] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositor
2023-04-10T15:21:16.772+05:30 INFO 1844 --- [ restartedMain] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanni
2023-04-10T15:21:17.547+05:30 INFO 1844 --- [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 9091
2023-04-10T15:21:17.562+05:30 INFO 1844 --- [ restartedMain] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2023-04-10T15:21:17.562+05:30 INFO 1844 --- [ restartedMain] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat
2023-04-10T15:21:17.660+05:30 INFO 1844 --- [ restartedMain] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplica
2023-04-10T15:21:17.661+05:30 INFO 1844 --- [ restartedMain] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initializa
2023-04-10T15:21:17.856+05:30 INFO 1844 --- [ restartedMain] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitIn
2023-04-10T15:21:18.026+05:30 INFO 1844 --- [ restartedMain] org.hibernate.Version : HHH000412: Hibernate ORM core version
2023-04-10T15:21:18.441+05:30 DEBUG 1844 --- [ restartedMain] o.h.t.d.jdbc.spi.JdbcTypeRegistry : addDescriptor(FloatTypeDescriptor) rep
2023-04-10T15:21:18.458+05:30 DEBUG 1844 --- [ restartedMain] org.hibernate.type.BasicTypeRegistry : Adding type registration boolean -> org
2023-04-10T15:21:18.458+05:30 DEBUG 1844 --- [ restartedMain] org.hibernate.type.BasicTypeRegistry : Adding type registration boolean -> org
```

Boot Dashboard

Type tags, projects, or working set names to match (incl. * and ?)

local

11 elements hidden by filter

35°C Partly sunny

Search

ENG IN

15:21 10-04-2023

	id	email_id	first_name	last_name	mob_number
▶	2	shamshadalamansari2@gamil.com	shamshad	Alam	7070357583
	3	manish@123gmail.com	Manish	Gupta	8084964576
	4	Rojhan@456gmail.com	Rohan	kumar	9671853564
✱	NULL	NULL	NULL	NULL	NULL

#	Time	Action	Message	Duration / Fetch
✓ 1	15:22:16	use EmployeeManage	0 row(s) affected	0.000 sec
✓ 2	15:22:21	select * from Employees LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

```

1 <nav class="navbar navbar-expand-lg navbar-dark bg-custom">
2   <div class="container-fluid">
3     <a class="navbar-brand" routerLink="home">EmployeeManagement</a>
4     <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent"
5       <span class="navbar-toggler-icon"></span>
6     </button>
7     <div class="collapse navbar-collapse" id="navbarSupportedContent">
8       <ul class="navbar-nav me-auto mb-2 mb-lg-0">
9         <li class="nav-item">
10           <a class="nav-link active" routerLink="create-employee">Add Employee</a>
11         </li>
12
13         <li class="nav-item">
14           <a class="nav-link active" routerLink="employees">Show AllEmployee</a>
15         </li>
16
17       </ul>
18     </div>
19     <form class="d-flex" >
20
21       <a routerLink="registration" class="btn btn-light btn-lg me-2" >Resigation
22       <a routerLink="login" class="btn btn-success me-2" >LogIn</a>
23       <button class="btn btn-danger me-2" type="submit">LogOut</button>
24       <a routerLink="contact" class="btn btn-light" type="submit">Contact Us</a>
25     </form>
26   </div>
27 </nav>

```

Initial Total	3.01 MB
---------------	---------

```
** Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ **
```

✓ Compiled successfully.



- The scope of this project is as follows:
- To assist the staff in capturing the effort spent on their respective working areas.
- To utilize resources in an efficient manner by increasing their productivity through automation.
- The system generates types of information that can be used for various purposes.

