

Project Name: Employee Management

Description: In this minor project, we are demonstrating the operation for Employee Management like saving, deleting, updating and getting all the information of Employee.

Technologies used:

- Java
- Spring boot
- HTML
- CSS
- jQuery
- Ajax
- MySQL

Step with Images:

- Hit the endpoint which is mentioned below and then we will land up with dashboard with no data in table:

<https://batch2octoberemployeemanage.herokuapp.com/>

[Home](#) [Add Employee](#)

Name	Age	Salary	Department	Contact	Email		
Amrutha K	20	20000	CSE	7898789898	amrutha@gmail.com	Delete	Edit
Pranav B	20	20000	CSE	9898989878	pranav@gmail.com	Delete	Edit
Sanjana	20	20000	CSE	7878989878	sanjana@gmail.com	Delete	Edit

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- On click of Add Employee, will get following screen.

[Home](#)

Add Employee Information *(Asterisk) Fields are mandatory

Name*

Age

Salary

Department*

Contact*

Email*

Save Employee Data

Back

- If User are saving the Employee data without filling mandatory fields, Following error messages will displayed.

Home

Add Employee Information
*(Asterisk) Fields are mandatory

Name*
Name is mandatory

Age

Salary

Department*
Department is mandatory

Contact*
Contact is mandatory

Email*
Email is mandatory

Save Employee Data
Back

- After Entering all the proper data, following success message will get.

Home

Add Employee Information
*(Asterisk) Fields are mandatory

Name*

Age

Salary

Department*

Contact*

Email*

Save Employee Data
Back

Confirmation

Sucesfully Created!!

OK

- If click on delete button, will get one warning popup saying whether “Are you really Sure. You want to Continue.” if Yes it will delete.

Home Add Employee Search

Employee Information

Name	Age	Salary	Department	Phone Number	Email	
Amrutha K	20	20000	ECE	9878865612	amrutha@gmail.com	Delete Edit
KK	34	1234567	ECE	9878865612	KK@gmail.com	Delete Edit
Pranav B	20	20000	CSE	9898989878	pranav@gmail.com	Delete Edit

Delete Information

Are you really Sure. You want to Continue.

Close Delete

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- On click of edit button, will get following screen with auto populate previous data.

Edit Information

Name: Age:

Salary:

Name	Age	Salary	Department	Contact	Email		
Amrutha K	20	20000	CSE	7898789898	amrutha@gmail.com	Delete	Edit
Pranav B	20	20000	CSE	7898789898	pranav@gmail.com	Delete	Edit
Sanjana	20	20000	CSE	7898789898	sanjana@gmail.com	Delete	Edit

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- On Filtering, table will be filtered with input.

Home Add Employee

Employee Information

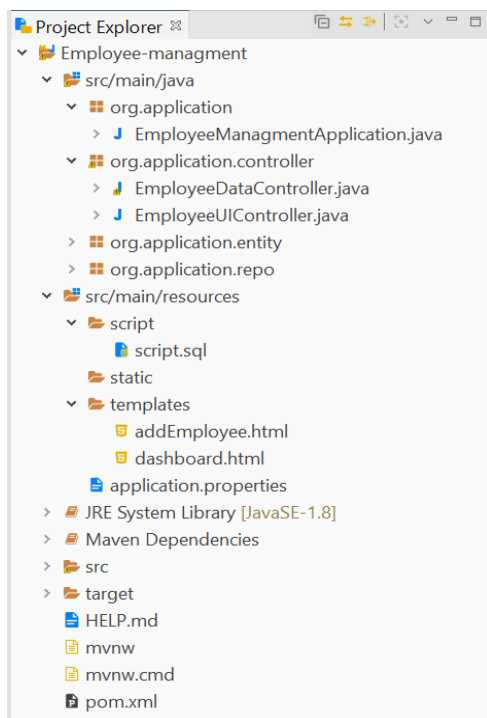
Name	Age	Salary	Department	Contact	Email		
Amrutha K	20	20000	CSE	7898789898	amrutha@gmail.com	Delete	Edit

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Following is link to download the project.

<https://github.com/vijay-rathore93/oct-batch-minor-project>

Following is Project structure.



Following are the script used in the project.

```
CREATE TABLE employeetbl
(
    emp_id      INTEGER NOT NULL auto_increment,
    age         INTEGER,
    contact     BIGINT,
    department  VARCHAR(255),
    email       VARCHAR(255),
    name        VARCHAR(255),
    salary      DOUBLE PRECISION,
    PRIMARY KEY (emp_id)
) ;

/* insert org.application.entity.Employee */
INSERT INTO employeetbl
(age,
contact,
department,
email,
name,
salary)
VALUES
(?,
?,
?,
?,
?,
?) ;

SELECT employee0_.emp_id      AS emp_id1_0_,
employee0_.age               AS age2_0_,
employee0_.contact           AS contact3_0_,
employee0_.department        AS departme4_0_,
employee0_.email             AS email5_0_,
employee0_.name              AS name6_0_,
employee0_.salary            AS salary7_0_
FROM employeetbl employee0_ ;

SELECT employee0_.emp_id      AS emp_id1_0_0_,
employee0_.age               AS age2_0_0_,
employee0_.contact           AS contact3_0_0_,
employee0_.department        AS departme4_0_0_,
employee0_.email             AS email5_0_0_,
employee0_.name              AS name6_0_0_,
employee0_.salary            AS salary7_0_0_
FROM employeetbl employee0_
WHERE employee0_.emp_id =? ;

/* delete org.application.entity.Employee */
DELETE FROM employeetbl
WHERE emp_id =? ;

/* update org.application.entity.Employee */
UPDATE employeetbl
SET
age = ?,
contact = ?,
```

```
department = ?,  
email = ?,  
NAME = ?,  
salary = ?  
WHERE emp_id = ? ;
```

For developing the Project, IDE used

- Eclipse
- STS
- INTELLIJ

Link for reference

<https://www.w3schools.com/html/>
<https://www.w3schools.com/jquery/>
<https://getbootstrap.com/>
<https://datatables.net/>
<https://alertifyjs.com/>