

Industry

Assignment Requirements:-

A company has multiple departments and each employee works in one of the departments. Each employee may have multiple contact numbers and addresses. Create REST API using any PHP framework for performing various operations like creating departments, Add, edit, view, delete, search employees.

Follow industry best standards for building web services, documentation, setup manual and ship the web application using the GitHub repository. Plus points if automated unit testing is implemented.

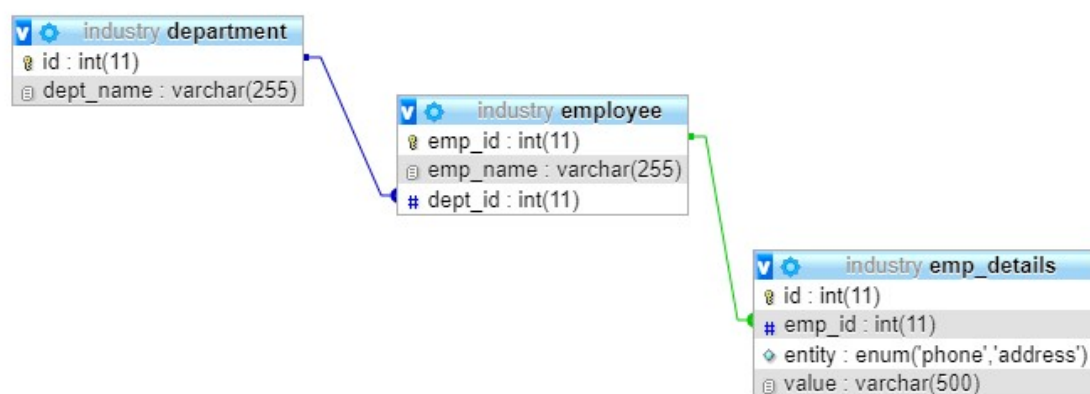
File List:

- index.php
- index.html
- addEmp.html
- addEmployee.php
- Industry.php //Class File

Required Definers:

```
define('SERVER', 'host');  
define('USERNAME', 'user name');  
define('PASSWORD', 'password');  
define('DATABASE', 'db name');
```

Database Structure:



API Details:

Insert Department:

Request :

`http://localhost/index.php?action=addDept&DeptName=Product&ws=1`

Response :

```
{"Status":"Success","MessageInfo":"Department Product Added Successfully"}
```

List Department:

Request :

`http://localhost/index.php?action=listDept&ws=1`

Response :

```
[{"dep_id":"10","dep_name":"Accouonts"}, {"dep_id":"11","dep_name":"Product"}]
```

Insert Employee:

Request :

`http://localhost/index.php?`

`action=insertEmp&EmpName=Reshma&DeptId=11&EmpPhone=9811111111&EmpAddress=Mumbai&ws=1`

Response :

```
{"Status":"Success","MessageInfo":"Employee Reshma Added Successfully"}
```

Update Employee:

Request :

`http://localhost/index.php?`

`action=editEmp&EmpName=Shubh&DeptId=10&EmpPhone=9813456&EmpAddress=Gujarat&EmpId=13&ws=1`

Reponse :

```
{"Status":"Success","MessageInfo":"Employee Shubh updated Successfully"}
```

List Employee:

Request :

`http://localhost/index.php?action=listEmp&ws=1`

`http://localhost/index.php?action=listEmp&EmpName=Reshma&ws=1 //To filter`

data

Response :

```
[{"emp_id":"13","emp_name":"Shubh","dept_name":"Accouonts","phone":["9813456"],"address":["Gujarat"]}, {"emp_id":"14","emp_name":"Reshma","dept_name":"Product","phone":["9811111111"],"address":["Mumbai"]}]
```

WebSite Flow:

<http://localhost/index.php>

Employee List:

Industry

Employee Department

Employee

Add

Sr.No.	Employee Name	Department	Phone	Address
13	Shubh	Accouunts	9813456	Gujarat
14	Reshma	Product	9811111111	Mumbai

Add Employee:

Industry

Employee Department

Employee

List Employee

Add Employee

Select Department Accouunts ▼

Enter Emp Name

Enter Emp Phone

Enter Emp address

Submit

List Department:

Industry

Employee Department

Department

Sr.No.	Dept Name
10	Accouunts
11	Product