**Table script**

DROP TABLE IF EXISTS `country`;

/*!40101 SET @saved_cs_client     = @@character_set_client */;

/*!40101 SET character_set_client = utf8 */;

CREATE TABLE `country` (

  `cid` int(11) NOT NULL AUTO_INCREMENT,

  `cname` varchar(45) DEFAULT NULL,

  PRIMARY KEY (`cid`),

  CONSTRAINT `Foreign Key` FOREIGN KEY (`cid`) REFERENCES `employee` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB AUTO_INCREMENT=9 DEFAULT CHARSET=latin1;

/*!40101 SET character_set_client = @saved_cs_client */;

INSERT INTO `country` VALUES (1,'India'),(2,'Bhutan'),(3,'Nepal'),(4,'China'),(5,'America'),(6,'Sweetzerland');

/*!40000 ALTER TABLE `country` ENABLE KEYS */;

INSERT INTO `country` VALUES (1,'India'),(2,'Bhutan'),(3,'Nepal'),(4,'China'),(5,'America'),(6,'Sweetzerland');

/*!40000 ALTER TABLE `country` ENABLE KEYS */;

API #1

url :   http://localhost:8080/api/showallEmployee

type : Get

input json

No input.

output json

```
[
    {
        "id": 1,
        "name": "KiranSir",
        "phoneno": "1234567890",
        "departmentit": "it",
        "status": "active",
        "createddtm": "2020-01-21 00:00:00.0",
        "createdby": "Vikash",
        "updateddtm": "2020-01-21 00:00:00.0",
        "updatedby": "Kumar",
        "cid": 1
    },
    {
        "id": 2,
        "name": "Suresh",
        "phoneno": "1234567890",
```

```
            "departmentit": "it",

            "status": "active",

            "createddtm": "2020-01-21 00:00:00.0",

            "createdby": "Suresh",

            "updateddtm": "2020-01-21 00:00:00.0",

            "updatedby": "Malhotra",

            "cid": 2

    }]
```

**API #2**

url : http://localhost:8080/api/status/{status}

## status >> ACTIVE AND INACTIVE

type : Get

input json

NO

output json

```
[

    {

            "id": 21,

            "name": "Vikash",

            "phoneno": "9743152782",

            "departmentit": "it",

            "status": "inactive",

            "createddtm": "2020-01-23 13:12:20.0",
```

```
        "createdby": "system",

        "updateddtm": "2020-01-23 13:12:15.0",

        "updatedby": "system",

        "cid": 1

    },

]
```

API #3

url : http://localhost:8080/api/status/{status}

//suspended

type : Get

input json

output json

```
[

    {

        "id": 1,

        "name": "KiranSir",

        "phoneno": "1234567890",

        "departmentit": "it",

        "status": "active",

        "createddtm": "2020-01-21 00:00:00.0",

        "createdby": "Vikash",

        "updateddtm": "2020-01-21 00:00:00.0",

        "updatedby": "Kumar",
```

```
            "cid": 1

    },]
```

API #4


url: http://localhost:8080/api/status/{status}

//inactive

type: Get

input json


output json

```
[

    {

        "id": 5,

        "name": "Soren",

        "phoneno": "1234567890",

        "departmentit": "it",

        "status": "suspended",

        "createddtm": "2020-01-20 00:00:00.0",

        "createdby": "Soren",

        "updateddtm": "2020-01-20 00:00:00.0",

        "updatedby": "Soren",

        "cid": 5

    },

    {
```

```
        "id": 6,

        "name": "Jenifar",

        "phoneno": "1234567890",

        "departmentit": "cse",

        "status": "suspended",

        "createddtm": "2020-01-20 00:00:00.0",

        "createdby": "Jenifar",

        "updateddtm": "2020-01-20 00:00:00.0",

        "updatedby": "Jenifar",

        "cid": 6

    }

]
```

controller code :

API #5

url: http://localhost:8080/api/{eid}

type: Get

input json

output json

```
[

    {

        "id": 1,

        "name": "KiranSir",
```

```
        "phoneno": "1234567890",

        "departmentit": "it",

        "status": "active",

        "createddtm": "2020-01-21 00:00:00.0",

        "createdby": "Vikash",

        "updateddtm": "2020-01-21 00:00:00.0",

        "updatedby": "Kumar",

        "cid": 1

    }

]
```

**API #6**

url: http://localhost:8080/api/showEmployeesByName/{empname}

type: Get

input json


output json

```
[

    {

        "id": 1,

        "name": "KiranSir",

        "phoneno": "1234567890",

        "departmentit": "it",

        "status": "active",

        "createddtm": "2020-01-21 00:00:00.0",

        "createdby": "Vikash",
```

```
        "updateddtm": "2020-01-21 00:00:00.0",

        "updatedby": "Kumar",

        "cid": 1

    }

]
```

**API #7**

url : http://localhost:8080/api/listofempbeforetoday

type : Get


input json


output json

```
[

    {

        "id": 1,

        "name": "KiranSir",

        "phoneno": "1234567890",

        "departmentit": "it",

        "status": "active",

        "createddtm": "2020-01-21 00:00:00.0",

        "createdby": "Vikash",

        "updateddtm": "2020-01-21 00:00:00.0",

        "updatedby": "Kumar",

        "cid": 1
```

```json
        },
        {
            "id": 2,
            "name": "Suresh",
            "phoneno": "1234567890",
            "departmentit": "it",
            "status": "active",
            "createddtm": "2020-01-21 00:00:00.0",
            "createdby": "Suresh",
            "updateddtm": "2020-01-21 00:00:00.0",
            "updatedby": "Malhotra",
            "cid": 2
        }
    ]
```

**API #8**

url : http://localhost:8080/api/addemployee

type : POST

input json :

```json
{
    "name": "Shyam",
    "phoneno": "897564123",
    "departmentit": "Electrical",
    "cid": 3
```

}

output json : 200 ok

data is added successfully

Tech specification use below :

```
return new ResponseEntity<String>("Employee added in db successfully",
HttpStatus.OK);
```

**API #9**

url : http://localhost:8080/api/addcountry

type : POST

input json :

```
{
    "cname": "USA"
}
```

output json :

No output response ok

controller code :

**API #10**

url : http://localhost:8080/api/updatecountryname

type : PUT

input json :

```
{
    "cid": 4,
    "cname": "UAE"
}
```

output json :

No output


**API #11**

url : http://localhost:8080/api/deletebycountryname/{countryname}

type : DELETE

input json :

No input


output json :

No output


**API #12**

url : http://localhost:8080/api/deleteemployeebyid/{eid}

type : DELETE

input json :

No input


output json :

No output