**Guvi mini project – 1**

( Back end Documentation )

**1. Save Employee Details**

Stores/ Add new Employee Details to database

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | api /v1/ save-emp-details / |

**Employee Entity:**

|  |  |  |
| --- | --- | --- |
| **Type** | **Key** | **Values** |
| **Head** | Content-Type | Multipart/form-data |
| **Body** | employeeId | Integer |
| **Body** | firstname | String |
| **Body** | lastname | String |
| **Body** | role | String |
| **Body** | gender | String |
| **Body** | email | String |
| **Body** | phone | Integer |
| **Body** | streetAddress | String |
| **Body** | city | String |
| **Body** | state | String |
| **Body** | pincode | Integer |
| **Body** | image | String |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | { “Employee Details Saved Successfully” } |
| 500 | { “Failed to save Employee” } |

**2. Get All Employee Details**

All Employee Details from Database

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | api /v1/ get-all-employee / |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | [{ Employee}] – List of Employee Entity |
| 404 | {“No Data Found”} |

**3. Get Employee by ID**

Returns Specific Employee who match with ID

**Requ*e*st**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | api /v1/ get-all-employee /{id} |

|  |  |  |
| --- | --- | --- |
| **Type** | **Key** | **Values** |
| **Head** | Content-Type | Application/json |
| **Param** | employeeID | String |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {  "employeeID": "28989298",  "firstName": "Sridhar",  "lastName": "Arivu",  "email": "sridhararivu369@gmail.com",  "phone": 8946018164,  "image":"bytecodes",  "role": "Software Engineer",  "gender": "Male",  "streetAddress": "no 52, ramoorthy nagar",  "city": "Tiruvannamalai",  "state": "Tamil Nadu",  "country": "India",  "pincode": 606601  } |
| 404 | {“Invalid Employee ID”} |

**4. Update Employee by ID**

Updates Specific Employee who match with ID

**Requ*e*st**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PUT** | api /v1/update-emp/{id} |

|  |  |  |
| --- | --- | --- |
| **Type** | **Key** | **Values** |
| **Head** | Content-Type | Application/json |
| **Param** | employeeID | String |
| **Body** | employeeId | Integer |
| **Body** | firstname | String |
| **Body** | lastname | String |
| **Body** | role | String |
| **Body** | gender | String |
| **Body** | email | String |
| **Body** | phone | Integer |
| **Body** | streetAddress | String |
| **Body** | city | String |
| **Body** | state | String |
| **Body** | pincode | Integer |
| **Body** | image | String |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | { “SuccessFully Updated” } |
| 404 | {“Employee Not Found”} |

**5. Delete Employee by ID**

Deletes Specific Employee who match with ID

**Requ*e*st**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **DELETE** | api /v1/ delete-emp/{id}/ |

|  |  |  |
| --- | --- | --- |
| **Type** | **Key** | **Values** |
| **Head** | Content-Type | Application/json |
| **Param** | employeeID | String |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | { “Employee Deleted Successfully” } |
| 404 | {“Employee Not Found”} |