

HRMS

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# Chapter 1. Overview

This is an API documentation for HRMS

## 1.1. Version information

*Version* : 1.0.0

## 1.2. URI scheme

*Host* : localhost:8080

*BasePath* : /resources

*Schemes* : HTTP

## 1.3. Tags

- *country* : Everything about the country
- *department* : It's all about departments
- *designation* : Everything about the designation
- *district* : Everything about the district
- *employee* : Employee related resources
- *jobrole* : Everything about the job role
- *meta* : Meta/Master Data Access
- *organization* : Everything about your organization
- *unit* : Everything about the unit

# Chapter 2. Paths

## 2.1. Returns List of Countries

```
GET /resources/v1/country
```

### 2.1.1. Parameters

Type	Name	Description	Schema
Header	<b>Authorization : Bearer</b> <i>required</i>	Access token	string

### 2.1.2. Responses

HTTP Code	Description	Schema
200	OK <b>Headers :</b> <i>Cache-Control</i> (string) : Caching. <b>Default :</b> "private, no-store, max-age=300"	<a href="#">CountryModel</a>
403	User does not have permission to execute this command	No Content
404	Not Found	<a href="#">ErrorModel</a>
500	Internal Server Error	<a href="#">ErrorModel</a>

### 2.1.3. Produces

- *application/xml*
- *application/json*

### 2.1.4. Tags

- country

## 2.2. Returns List of Departments in a Given Unit

```
GET /resources/v1/department
```

### 2.2.1. Parameters

Type	Name	Description	Schema
Header	<b>Authorization : Bearer</b> <i>required</i>	Access token	string
Query	<b>unitId</b> <i>required</i>	to filter out the result based upon unit ID	string

### 2.2.2. Responses

HTTP Code	Description	Schema
200	OK <b>Headers :</b> <b>Cache-Control</b> (string) : Caching. <b>Default :</b> "private, no-store, max-age=300"	<a href="#">DepartmentModel</a>
403	User does not have permission to execute this command	No Content
404	Not Found	<a href="#">ErrorModel</a>
500	Internal Server Error	<a href="#">ErrorModel</a>

### 2.2.3. Produces

- `application/xml`
- `application/json`

### 2.2.4. Tags

- department

## 2.3. Returns List of Designations in a Given Job Role.

```
GET /resources/v1/designation
```

### 2.3.1. Parameters

Type	Name	Description	Schema
Header	<b>Authorization : Bearer</b> <i>required</i>	Access token	string

Type	Name	Description	Schema
Query	<b>jobRoleId</b> <i>required</i>	to filter out the result based on job role	integer

### 2.3.2. Responses

HTTP Code	Description	Schema
200	OK <b>Headers :</b> <b>Cache-Control</b> (string) : Caching. <b>Default :</b> "private, no-store, max-age=300"	<a href="#">DesignationModel</a>
403	User does not have permission to execute this command	No Content
404	Not Found	<a href="#">ErrorModel</a>
500	Internal Server Error	<a href="#">ErrorModel</a>

### 2.3.3. Produces

- `application/xml`
- `application/json`

### 2.3.4. Tags

- designation

## 2.4. Returns List of Districts

```
GET /resources/v1/district
```

### 2.4.1. Parameters

Type	Name	Description	Schema
Header	<b>Authorization : Bearer</b> <i>required</i>	Access token	string
Query	<b>stateId</b> <i>required</i>	to filter out the result based upon state ID	string



## 2.4.2. Responses

HTTP Code	Description	Schema
200	OK <b>Headers :</b> <b>Cache-Control</b> (string) : Caching. <b>Default :</b> "private, no-store, max-age=300"	<a href="#">DistrictModel</a>
403	User does not have permission to execute this command	No Content
404	Not Found	<a href="#">ErrorModel</a>
500	Internal Server Error	<a href="#">ErrorModel</a>

## 2.4.3. Produces

- `application/xml`
- `application/json`

## 2.4.4. Tags

- district

# 2.5. Gets List of Document Types

GET /resources/v1/doctype

## 2.5.1. Description

Get the list of document types

## 2.5.2. Parameters

Type	Name	Description	Schema
Header	<b>Authorization : Bearer</b> <i>required</i>	Access token	string

## 2.5.3. Responses

HTTP Code	Description	Schema
200	OK <b>Headers :</b> Cache-Control (string) : Caching. <b>Default :</b> "private, no-store, max-age=300"	<a href="#">DocTypeModel</a>
403	User does not have permission to execute this command	No Content
404	Not Found	<a href="#">ErrorModel</a>
500	Internal Server Error	<a href="#">ErrorModel</a>

#### 2.5.4. Produces

- `application/xml`
- `application/json`

#### 2.5.5. Tags

- meta

## 2.6. Gets List of Identity Document Types

```
GET /resources/v1/doctype/identitydoctypes
```

#### 2.6.1. Description

Get the list of identity document types

#### 2.6.2. Parameters

Type	Name	Description	Schema
Header	<b>Authorization : Bearer required</b>	Access token	string

#### 2.6.3. Responses

HTTP Code	Description	Schema
200	OK <b>Headers :</b> Cache-Control (string) : Caching. <b>Default :</b> "private, no-store, max-age=300"	<a href="#">DocTypeModel</a>
403	User does not have permission to execute this command	No Content
404	Not Found	<a href="#">ErrorModel</a>
500	Internal Server Error	<a href="#">ErrorModel</a>

#### 2.6.4. Produces

- `application/xml`
- `application/json`

#### 2.6.5. Tags

- meta

## 2.7. Returns Autocomplete List for a Given Employee Attribute

```
GET /resources/v1/employee/
```

#### 2.7.1. Description

This API will be mainly used to provide autocomplete experience to users as they type in text fields for searching employees

#### 2.7.2. Parameters

Type	Name	Description	Schema
Header	<b>Authorization : Bearer</b> <i>required</i>	Access token	string
Query	<b>attributeName</b> <i>required</i>	Name of the attribute which could be firstName, middleName, lastName or emailAddress	string

Type	Name	Description	Schema
Query	<b>attributeValuePrefix</b> <i>required</i>	firstName, middleName, lastName or emailAddress starts with this value	string
Query	<b>numberOfItems</b> <i>required</i>	The number of items to be returned	integer
Query	<b>restricted</b> <i>required</i>	The search will be restricted to the hierarchy of the user only if the flag is true. Otherwise, the search will be done across the organization	boolean

### 2.7.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
403	User does not have permission to execute this command	No Content
404	Not Found	<a href="#">ErrorModel</a>
500	Internal Server Error	<a href="#">ErrorModel</a>

### 2.7.4. Produces

- `application/xml`
- `application/json`

### 2.7.5. Tags

- employee

## 2.8. Updates Employee Address Details

```
PUT /resources/v1/employee/{id}/address
```

### 2.8.1. Description

Update Employee Address details.

### 2.8.2. Parameters

Type	Name	Description	Schema
Header	<b>Authorization : Bearer</b> <i>required</i>	Access token	string
Path	<b>id</b> <i>required</i>	Employee ID	string
Body	<b>reqBody</b> <i>optional</i>	Employee Address parameters in JSON Body	<a href="#">EmployeeAddressModel</a>

### 2.8.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
403	User does not have permission to execute this command	No Content
404	Not Found	<a href="#">ErrorModel</a>
500	Internal Server Error	<a href="#">ErrorModel</a>

### 2.8.4. Consumes

- `application/json`
- `application/xml`

### 2.8.5. Tags

- employee

## 2.9. Returns List of Job Roles in a Given Organization

```
GET /resources/v1/jobrole
```

### 2.9.1. Parameters

Type	Name	Description	Schema
Header	<b>Authorization : Bearer</b> <i>required</i>	Access token	string
Query	<b>orgId</b> <i>required</i>	to filter out the result based on organization	integer

## 2.9.2. Responses

HTTP Code	Description	Schema
200	OK <b>Headers :</b> <b>Cache-Control</b> (string) : Caching. <b>Default :</b> "private, no-store, max-age=300"	<a href="#">JobRoleModel</a>
403	User does not have permission to execute this command	No Content
404	Not Found	<a href="#">ErrorModel</a>
500	Internal Server Error	<a href="#">ErrorModel</a>

## 2.9.3. Produces

- `application/xml`
- `application/json`

## 2.9.4. Tags

- jobrole

# 2.10. Returns List of Organizations

GET /resources/v1/organization

## 2.10.1. Description

OrganizationType will be a child object under each Organization object

## 2.10.2. Parameters

Type	Name	Description	Schema
Header	<b>Authorization : Bearer</b> <i>required</i>	Access token	string

## 2.10.3. Responses

HTTP Code	Description	Schema
200	OK <b>Headers :</b> <b>Cache-Control</b> (string) : Caching. <b>Default :</b> "private, no-store, max-age=300"	<a href="#">OrganizationModel</a>
403	User does not have permission to execute this command	No Content
404	Not Found	<a href="#">ErrorModel</a>
500	Internal Server Error	<a href="#">ErrorModel</a>

#### 2.10.4. Produces

- `application/xml`
- `application/json`

#### 2.10.5. Tags

- organization

## 2.11. Gets List of States for a Given Country

```
GET /resources/v1/state
```

#### 2.11.1. Description

Get the list of states for a given country.

#### 2.11.2. Parameters

Type	Name	Description	Schema
Header	<b>Authorization : Bearer</b> <i>required</i>	Access token	string
Query	<b>countryId</b> <i>required</i>	Country for which the list of states will be retrieved	string

#### 2.11.3. Responses

HTTP Code	Description	Schema
200	Successful operation <b>Headers :</b> <b>Cache-Control</b> (string) : Caching. <b>Default :</b> "private, no-store, max-age=300"	<a href="#">StateModel</a>
403	User does not have permission to execute this command	No Content
404	No data found	<a href="#">ErrorModel</a>
500	Internal Server Error	<a href="#">ErrorModel</a>

#### 2.11.4. Produces

- `application/xml`
- `application/json`

#### 2.11.5. Tags

- meta

## 2.12. Returns List of Units in a Given Organization

```
GET /resources/v1/unit
```

#### 2.12.1. Parameters

Type	Name	Description	Schema
Header	<b>Authorization : Bearer</b> <i>required</i>	Access token	string
Query	<b>organizationId</b> <i>required</i>	The organizationId to be used as filter	string

#### 2.12.2. Responses



HTTP Code	Description	Schema
200	OK <b>Headers :</b> <b>Cache-Control</b> (string) : Caching. <b>Default :</b> "private, no-store, max-age=300"	<a href="#">UnitModel</a>
403	User does not have permission to execute this command	No Content
404	Not Found	<a href="#">ErrorModel</a>
500	Internal Server Error	<a href="#">ErrorModel</a>

### 2.12.3. Produces

- `application/xml`
- `application/json`

### 2.12.4. Tags

- unit

# Chapter 3. Definitions

## 3.1. CountryModel

Name	Description	Schema
<b>countryId</b> <i>required</i>	To uniquely identify a country. This field will be ignored during country creation.	integer (int(32))
<b>countryName</b> <i>required</i>	Name of the country. <b>Maximal length</b> : 32	string (varchar)

## 3.2. DepartmentModel

Name	Description	Schema
<b>address</b> <i>required</i>	Address of the department <b>Maximal length</b> : 256	string (varchar)
<b>departmentId</b> <i>required</i>	To uniquely identify a department. This field will be ignored during department creation.	integer (int(32))
<b>departmentName</b> <i>required</i>	Name of the department <b>Maximal length</b> : 100	string (varchar)
<b>parentDepartmentId</b> <i>optional</i>	To identify the parent of a particular department	integer (int(32))
<b>unitId</b> <i>required</i>	To identify the parent of a particular department	integer (int(32))
<b>unitName</b> <i>required</i>	Name of the unit that the department belongs to. The field will be ignored during department creation. <b>Maximal length</b> : 256	string (varchar)

## 3.3. DesignationModel

Name	Description	Schema
<b>designationId</b> <i>required</i>	To uniquely identify the designation. This field will be ignored during the designation creation.	integer (int(32))
<b>designationName</b> <i>required</i>	Name of the designation <b>Maximal length</b> : 32	string (varchar)

### 3.4. DistrictModel

Name	Description	Schema
<b>districtId</b> <i>required</i>	To uniquely identify a district. This field will be ignored during district creation.	integer (int(32))
<b>districtName</b> <i>required</i>	Name of the district. <b>Maximal length</b> : 32	string (varchar)
<b>stateId</b> <i>required</i>	To uniquely identify a state.	integer (int(32))
<b>stateName</b> <i>required</i>	Name of the state. This field will be ignored during district creation. <b>Maximal length</b> : 32	string (varchar)

### 3.5. DocTypeModel

Name	Description	Schema
<b>docTypeId</b> <i>required</i>	To uniquely identify the type of document viz. passport, birth certificate etc. This field will be ignored during doc type creation.	integer (int(32))
<b>docTypeName</b> <i>required</i>	The name of the document type. <b>Maximal length</b> : 32	string (varchar)
<b>identityDoc</b> <i>required</i>	If the document is a identity document, the value will be true, otherwise false.	boolean

### 3.6. EmployeeAddlDetailsModel

Name	Description	Schema
<b>dependentNo</b> <i>optional</i>	The number of dependents of the employee.	integer (int(32))
<b>emergencyContactName</b> <i>optional</i>	The name emergency contact. <b>Maximal length</b> : 30	string (varchar)
<b>emergencyContactNo</b> <i>optional</i>	The contact number of the emergency contact. <b>Maximal length</b> : 15	string (varchar)
<b>medicalReportComment</b> <i>optional</i>	The overall medical report comment. <b>Maximal length</b> : 32	string (varchar)

Name	Description	Schema
<b>nomineeName1</b> <i>optional</i>	The name of the first nominee. <b>Maximal length</b> : 120	string (varchar)
<b>nomineeName2</b> <i>optional</i>	The name of the second nominee. <b>Maximal length</b> : 120	string (varchar)
<b>nomineeName3</b> <i>optional</i>	The name of the third nominee. <b>Maximal length</b> : 120	string (varchar)
<b>nomineeShare1</b> <i>optional</i>	The share of the first nominee.	integer (int(32))
<b>nomineeShare2</b> <i>optional</i>	The share of the second nominee.	integer (int(32))
<b>nomineeShare3</b> <i>optional</i>	The share of the third nominee.	integer (int(32))
<b>preMedicalCheckUpdate</b> <i>optional</i>	The contact number of the emergency contact.	string (date-time)
<b>siblingNo</b> <i>optional</i>	The number of siblings of the employee.	integer (int(32))

### 3.7. EmployeeAddressModel

Name	Description	Schema
<b>area</b> <i>optional</i>	The name of the area. <b>Maximal length</b> : 32	string (varchar)
<b>countryId</b> <i>required</i>	The unique identifier of the country.	integer (int(32))
<b>countryName</b> <i>required</i>	The name of the country. This field will be ignored during employee creation. <b>Maximal length</b> : 32	string (varchar)
<b>description</b> <i>optional</i>	The description or landmark of the address. <b>Maximal length</b> : 100	string (varchar)
<b>districtId</b> <i>required</i>	The unique identifier of the district.	integer (int(32))

Name	Description	Schema
<b>districtName</b> <i>required</i>	The name of the district. This field will be ignored during employee creation. <b>Maximal length</b> : 32	string (varchar)
<b>houseNo</b> <i>required</i>	The number of the house. <b>Maximal length</b> : 32	string (varchar)
<b>pinno</b> <i>required</i>	The zip code of the location. <b>Maximal length</b> : 15	string (varchar)
<b>region</b> <i>optional</i>	The name of the region. <b>Maximal length</b> : 32	string (varchar)
<b>stateId</b> <i>required</i>	The unique identifier of the state.	integer (int(32))
<b>stateName</b> <i>required</i>	The name of the state. This field will be ignored during employee creation. <b>Maximal length</b> : 32	string (varchar)
<b>streetName</b> <i>required</i>	The name of the street. <b>Maximal length</b> : 32	string (varchar)

### 3.8. EmployeeHierarchyModel

Name	Description	Schema
<b>cl</b> <i>required</i>	The casual leaves of the employee.	integer (int(32))
<b>hrId</b> <i>required</i>	The employee id of the HR. <b>Maximal length</b> : 20	string (varchar)
<b>maternityLeave</b> <i>required</i>	The maternity leaves of the employee.	integer (int(32))
<b>noticePeriodEndDate</b> <i>optional</i>	The notice period end date.	string (date-time)
<b>paternityLeave</b> <i>required</i>	The paternity leaves of the employee.	integer (int(32))
<b>pl</b> <i>required</i>	The paid leaves of the employee.	integer (int(32))

Name	Description	Schema
<b>probationPeriodEndDate</b> <i>required</i>	The probation period end date.	string (date-time)
<b>specialLeave</b> <i>required</i>	The special leaves of the employee.	integer (int(32))
<b>status</b> <i>required</i>	The status of the employee. <b>Maximal length</b> : 4	string (varchar)
<b>supervisorId</b> <i>required</i>	The employee id of the supervisor. <b>Maximal length</b> : 20	string (varchar)

### 3.9. EmployeeModel

Name	Description	Schema
<b>contactNo</b> <i>optional</i>	The contact number of the employee. <b>Maximal length</b> : 15	string (varchar)
<b>department</b> <i>optional</i>	The department the employee belongs to.	<a href="#">DepartmentModel</a>
<b>dob</b> <i>optional</i>	Date of birth of the employee.	string (date-time)
<b>doj</b> <i>optional</i>	date of joining of the employee.	string (date-time)
<b>emailId</b> <i>optional</i>	Email address of the employee. <b>Maximal length</b> : 30	string (varchar)
<b>empFirstName</b> <i>optional</i>	First name of the employee. <b>Maximal length</b> : 60	string (varchar)
<b>empId</b> <i>optional</i>	Unique identifier of the employee. This field will be ignored during employee creation.	integer (int(32))
<b>empLastName</b> <i>optional</i>	Last name of the employee. <b>Maximal length</b> : 60	string (varchar)
<b>empMiddleName</b> <i>optional</i>	Middle name of the employee. <b>Maximal length</b> : 30	string (varchar)
<b>empType</b> <i>optional</i>	Permanent or Contract employee. <b>Maximal length</b> : 15	string (varchar)

Name	Description	Schema
<b>employeeAddlDetails</b> <i>optional</i>	The employee additional details.	<a href="#">EmployeeAddlDetails Model</a>
<b>employeeAddress</b> <i>optional</i>	The employee address.	<a href="#">EmployeeAddressModel</a>
<b>employeeHierarchy</b> <i>optional</i>	The employee hierarchy.	<a href="#">EmployeeHierarchy Model</a>
<b>employeeOptionalBenefit</b> <i>optional</i>	The employee optional benefit.	<a href="#">EmployeeOptionalBenefitModel</a>
<b>employeeProfile</b> <i>optional</i>	The employee profile.	<a href="#">EmployeeProfileModel</a>
<b>employeeSalary</b> <i>optional</i>	The employee salary.	<a href="#">EmployeeSalaryModel</a>
<b>entryBy</b> <i>optional</i>	The username that entered the record. <b>Maximal length</b> : 32	string (varchar)
<b>entryDate</b> <i>optional</i>	Entry date and time.	string (date-time)
<b>fatherName</b> <i>optional</i>	Father's name of the employee. <b>Maximal length</b> : 120	string (varchar)
<b>hrFlag</b> <i>optional</i>	Indicates if the employee is a HR.	boolean
<b>identityDocType</b> <i>optional</i>	The identity document type.	<a href="#">DocTypeModel</a>
<b>identityNumber</b> <i>optional</i>	The identification document number of the employee. <b>Maximal length</b> : 32	string (varchar)
<b>maritalStatus</b> <i>optional</i>	Marital status of the employee. <b>Maximal length</b> : 10	string (varchar)
<b>nationality</b> <i>optional</i>	Nationality of the employee. <b>Maximal length</b> : 32	string (varchar)
<b>organization</b> <i>optional</i>	The organization the employee belongs to.	<a href="#">OrganizationModel</a>

Name	Description	Schema
<b>sex</b> <i>optional</i>	Sex of the employee. <b>Maximal length : 10</b>	string (varchar)
<b>supervisorFlag</b> <i>optional</i>	Indicates if the employee is a supervisor.	boolean
<b>title</b> <i>optional</i>	Title of the employee. <b>Maximal length : 5</b>	string (varchar)
<b>unit</b> <i>optional</i>	The unit the employee belongs to.	<a href="#">UnitModel</a>

### 3.10. EmployeeOptionalBenefitModel

Name	Description	Schema
<b>benefitValue</b> <i>required</i>	The benefit value for the employee.	number (double)
<b>frequency</b> <i>optional</i>	Frequency of the benefit in months.	integer (int(32))
<b>iterations</b> <i>optional</i>	Number of times the benefit will be given to the employee. Value -1 means infinite, Value 0 indicates the current benefit has been completed and will no longer be given to the employee. After every due date when the payroll runs, the iterations will be reduced by one.	integer (int(32))
<b>nextDueDate</b> <i>optional</i>	The next due date of this benefit for the employee.	string (date-time)
<b>optSalaryComponent</b> <i>required</i>	Optional salary component.	<a href="#">SalaryOptComponentModel</a>
<b>startDate</b> <i>required</i>	The start date of this benefit for the employee.	string (date-time)
<b>stopDate</b> <i>optional</i>	The stop date of this benefit for the employee.	string (date-time)

### 3.11. EmployeeProfileModel

Name	Description	Schema
<b>comments</b> <i>optional</i>	The comments. <b>Maximal length : 52</b>	string (varchar)



Name	Description	Schema
<b>description</b> <i>optional</i>	The description of the employee. <b>Maximal length</b> : 256	string (varchar)
<b>qualification</b> <i>optional</i>	The highest qualification of the employee. <b>Maximal length</b> : 32	string (varchar)

## 3.12. EmployeeSalaryModel

Name	Description	Schema
<b>salaryComponent</b> <i>required</i>	Salary Component.	<a href="#">#definitions/SalaryComponentModel</a>
<b>salaryValue</b> <i>required</i>	The salary value of the employee for the given salary component.	number (double)

## 3.13. ErrorModel

Name	Description	Schema
<b>errorMessage</b> <i>required</i>	Detailed Error Message.	string

## 3.14. GradeModel

Name	Description	Schema
<b>gradeId</b> <i>required</i>	To uniquely identify a grade. This field will be ignored during grade creation.	integer (int(32))
<b>gradeName</b> <i>required</i>	Name of the grade <b>Maximal length</b> : 32	string (varchar)

## 3.15. JobRoleModel

Name	Description	Schema
<b>NoticePeriod</b> <i>required</i>	Notice period if the employee returns after the probation period.	integer (int(32))
<b>grade</b> <i>required</i>	Name of the grade model	<a href="#">#definitions/GradeModel</a>

Name	Description	Schema
<b>jobRoleId</b> <i>required</i>	To uniquely identify the job role within the organization. This field will be ignored during the job role creation.	integer (int(32))
<b>organization</b> <i>required</i>	Name of the organization model	<a href="#">#definitions/OrganizationModel</a>
<b>probationNoticePeriod</b> <i>required</i>	Notice period if the employee resigns during the probation period.	integer (int(32))

## 3.16. OptionalSalaryModel

Name	Description	Schema
<b>maxAllowedLimit</b> <i>required</i>	The maximum allowable limit.	number (double)
<b>optSalaryComponent</b> <i>required</i>	The Salary component.	<a href="#">#definitions/SalaryOptionalComponentModel</a>
<b>salaryValue</b> <i>required</i>	The default value of the salary Component for the particular job role id.	number (double)

## 3.17. OrganizationModel

Name	Description	Schema
<b>address</b> <i>required</i>	Address of the organization <b>Maximal length : 256</b>	string (varchar)
<b>orgId</b> <i>required</i>	unique identifier of the organization. This field will be ignored during organization creation.	integer (int(32))
<b>orgName</b> <i>required</i>	Name of the organization. <b>Maximal length : 100</b>	string (varchar)
<b>orgType</b> <i>required</i>	The organization type.	<a href="#">OrganizationTypeModel</a>

## 3.18. OrganizationTypeModel

Name	Description	Schema
<b>description</b> <i>optional</i>	The description of the organization type. <b>Maximal length : 100</b>	string (varchar)

Name	Description	Schema
<b>orgTypeId</b> <i>required</i>	unique identifier of the organization type. This field will be ignored during organization type creation.	integer (int(32))
<b>orgTypeName</b> <i>required</i>	The name of the organization type. <b>Maximal length</b> : 100	string (varchar)

### 3.19. SalaryComponentModel

Name	Description	Schema
<b>compId</b> <i>required</i>	Unique identifier of the salary component. This field will be ignored during salary component creation.	integer (int(32))
<b>compName</b> <i>required</i>	Name of the salary component. <b>Maximal length</b> : 32	string (varchar)
<b>description</b> <i>optional</i>	Description of the salary component. <b>Maximal length</b> : 32	string (varchar)
<b>salComponent</b> <i>optional</i>	Salary componenet. <b>Maximal length</b> : 32	string (varchar)

### 3.20. SalaryModel

Name	Description	Schema
<b>maxAllowedLimit</b> <i>required</i>	The maximum allowable limit.	number (double)
<b>salaryComponent</b> <i>required</i>	The Salary component.	<a href="#">SalaryComponentModel</a>
<b>salaryValue</b> <i>required</i>	The default value of the salary Component for the paricular job role id.	number (double)

### 3.21. SalaryOptComponentModel

Name	Description	Schema
<b>creditDebitFlag</b> <i>required</i>	This flag indicates whether the amount will be credited © to the employee's account or debited (D) from the employee's account. <b>Maximal length</b> : 1	string (varchar)

Name	Description	Schema
<b>description</b> <i>optional</i>	Description of the salary component. <b>Maximal length</b> : 32	string (varchar)
<b>empOptOutFlag</b> <i>required</i>	This flag indicates whether the employee can opt out from the benefit (Y) or no (N). <b>Maximal length</b> : 1	string (varchar)
<b>endDate</b> <i>required</i>	The end date of this benefit in company policy.	string (date-time)
<b>frequency</b> <i>required</i>	Frequency of the component in months.	integer (int(32))
<b>optCompId</b> <i>required</i>	Unique identifier of the optional salary component. This field will be ignored during optional salary component creation.	integer (int(32))
<b>optCompName</b> <i>required</i>	Name of the salary component. <b>Maximal length</b> : 32	string (varchar)
<b>salOptComponent</b> <i>optional</i>	Salary componenet. <b>Maximal length</b> : 32	string (varchar)

## 3.22. StateModel

Name	Description	Schema
<b>countryId</b> <i>required</i>	To uniquely identify a country.	integer (int(32))
<b>countryName</b> <i>required</i>	Name of the country. This field will be ignored during state creation. <b>Maximal length</b> : 32	string (varchar)
<b>stateId</b> <i>required</i>	To uniquely identify a state. This field will be ignored during state creation.	integer (int(32))
<b>stateName</b> <i>required</i>	Name of the state. <b>Maximal length</b> : 32	string (varchar)

## 3.23. UnitModel

Name	Description	Schema
<b>address</b> <i>required</i>	Address of the unit. <b>Maximal length</b> : 256	string (varchar)

Name	Description	Schema
<b>empIdPrefix</b> <i>required</i>	Prefix of employee id. <b>Maximal length : 10</b>	string (varchar)
<b>empIdSeqName</b> <i>required</i>	<b>Maximal length : 20</b>	string (varchar)
<b>orgId</b> <i>required</i>	unique identifier of the organization.	integer (int(32))
<b>orgName</b> <i>required</i>	Name of the organization. This field will be ignored during unit creation. <b>Maximal length : 100</b>	string (varchar)
<b>unitId</b> <i>required</i>	To uniquely identify an unit.	integer (int(32))
<b>unitName</b> <i>required</i>	Name of the unit. <b>Maximal length : 100</b>	string (varchar)