

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	Authorization : Bearer <i>required</i>	Access token	string

2.1.2. Responses

HTTP Code	Description	Schema
200	OK Headers : <i>Cache-Control</i> (string) : Caching. Default : "private, no-store, max-age=300"	CountryModel
404	Not Found	ErrorModel
500	Internal Server Error	ErrorModel

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	Authorization : Bearer <i>required</i>	Access token	string
Query	unitId <i>required</i>	to filter out the result based upon unit ID	string

2.2.2. Responses

HTTP Code	Description	Schema
200	OK Headers : Cache-Control (string) : Caching. Default : "private, no-store, max-age=300"	DepartmentModel
404	Not Found	ErrorModel
500	Internal Server Error	ErrorModel

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	Authorization : Bearer <i>required</i>	Access token	string

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

2.3.2. Responses

HTTP Code	Description	Schema
200	OK Headers : Cache-Control (string) : Caching. Default : "private, no-store, max-age=300"	DesignationModel
404	Not Found	ErrorModel
500	Internal Server Error	ErrorModel

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	Authorization : Bearer <i>required</i>	Access token	string
Query	stateId <i>required</i>	to filter out the result based upon state ID	string

2.4.2. Responses

HTTP Code	Description	Schema
200	OK Headers : Cache-Control (string) : Caching. Default : "private, no-store, max-age=300"	DistrictModel
404	Not Found	ErrorModel
500	Internal Server Error	ErrorModel

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	Authorization : Bearer required	Access token	string

2.5.3. Responses

HTTP Code	Description	Schema
200	OK Headers : Cache-Control (string) : Caching. Default : "private, no-store, max-age=300"	DocTypeModel

HTTP Code	Description	Schema
404	Not Found	ErrorModel
500	Internal Server Error	ErrorModel

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	Authorization : Bearer <i>required</i>	Access token	string

2.6.3. Responses

HTTP Code	Description	Schema
200	OK Headers : <code>Cache-Control</code> (string) : Caching. Default : "private, no-store, max-age=300"	DocTypeModel
404	Not Found	ErrorModel
500	Internal Server Error	ErrorModel

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	Authorization : Bearer <i>required</i>	Access token	string
Path	attributeName <i>required</i>	Name of the attribute which could be firstName, middleName, lastName or emailAddress	string
Path	attributeValuePrefix <i>required</i>	firstName, middleName, lastName or emailAddress starts with this value	string
Path	numberOfItems <i>required</i>	The number of items to be returned	integer
Path	restricted <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
404	Not Found	ErrorModel
500	Internal Server Error	ErrorModel

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	Authorization : Bearer <i>required</i>	Access token	string
Path	id <i>required</i>	Employee ID	string
Body	reqBody <i>optional</i>	Employee Address parameters in JSON Body	EmployeeAddressModel

2.8.3. Responses

HTTP Code	Description	Schema
200	OK	No Content

HTTP Code	Description	Schema
404	Not Found	ErrorModel
500	Internal Server Error	ErrorModel

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	Authorization : Bearer <i>required</i>	Access token	string
Query	orgId <i>required</i>	to filter out the result based on organization	integer

2.9.2. Responses

HTTP Code	Description	Schema
200	OK Headers : <code>Cache-Control</code> (string) : Caching. Default : "private, no-store, max-age=300"	JobRoleModel
404	Not Found	ErrorModel
500	Internal Server Error	ErrorModel

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	Authorization : Bearer <i>required</i>	Access token	string

2.10.3. Responses

HTTP Code	Description	Schema
200	OK Headers : <code>Cache-Control</code> (string) : Caching. Default : "private, no-store, max-age=300"	OrganizationModel
404	Not Found	ErrorModel
500	Internal Server Error	ErrorModel

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	Authorization : Bearer <i>required</i>	Access token	string
Query	countryId <i>required</i>	Country for which the list of states will be retrieved	string

2.11.3. Responses

HTTP Code	Description	Schema
200	OK Headers : <i>Cache-Control</i> (string) : Caching. Default : "private, no-store, max-age=300"	StateModel
404	Not Found	ErrorModel
500	Internal Server Error	ErrorResponse

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	Authorization : Bearer <i>required</i>	Access token	string
Query	organizationId <i>required</i>	The organizationId to be used as filter	string

2.12.2. Responses

HTTP Code	Description	Schema
200	OK Headers : <i>Cache-Control</i> (string) : Caching. Default : "private, no-store, max-age=300"	UnitModel
404	Not Found	ErrorModel
500	Internal Server Error	ErrorModel

2.12.3. Produces

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

2.12.4. Tags

- unit

Chapter 3. Definitions

3.1. CountryModel

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

3.2. DepartmentModel

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

3.3. DesignationModel

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

3.4. District

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

3.5. DocTypeModel

Name	Description	Schema
docTypeId <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))
docTypeName <i>required</i>	The name of the document type. Maximal length : 32	string (varchar)
identityDoc <i>required</i>	If the document is a identity document, the value will be true, otherwise false.	boolean

3.6. EmployeeAddlDetailsModel

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

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

3.7. EmployeeAddressModel

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

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

3.8. EmployeeProfileModel

Name	Description	Schema
comments <i>optional</i>	The comments. Maximal length : 52	string (varchar)
description <i>optional</i>	The description of the employee. Maximal length : 256	string (varchar)
qualification <i>optional</i>	The highest qualification of the employee. Maximal length : 32	string (varchar)

3.9. EmployeeHierarchyModel

Name	Description	Schema
cl <i>required</i>	The casual leaves of the employee.	integer (int(32))
hrId <i>required</i>	The employee id of the HR. Maximal length : 20	string (varchar)
maternityLeave <i>required</i>	The maternity leaves of the employee.	integer (int(32))

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

3.10. ErrorModel

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

3.11. GradeModel

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

3.12. JobRoleModel

Name	Description	Schema
NoticePeriod <i>required</i>	Notice period if the employee returns after the probation period.	integer (int(32))

Name	Description	Schema
grade <i>required</i>	Name of the grade model	GradeModel
jobRoleId <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))
organization <i>required</i>	Name of the organization model	OrganizationModel
probationNoticePeriod <i>required</i>	Notice period if the employee resigns during the probation period.	integer (int(32))

3.13. OptionalSalaryModel

Name	Description	Schema
maxAllowLimit <i>optional</i>	The maximum allowable limit.	number (double)
optSalaryComponent <i>required</i>	The Salary component.	SalaryOptComponentModel
salaryValue <i>required</i>	The default value of the salary Component for the particular job role id.	number (double)

3.14. OrganizationModel

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

3.15. OrganizationTypeModel

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

3.16. SalaryComponentModel

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

3.17. SalaryModel

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

3.18. SalaryOptComponentModel

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

3.19. StateModel

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

3.20. UnitModel

Name	Description	Schema
address <i>required</i>	Address of the unit. Maximal length : 256	string (varchar)
empIdPrefix <i>required</i>	Prefix of employee id. Maximal length : 10	string (varchar)
empIdSeqName <i>required</i>	Maximal length : 20	string (varchar)
orgId <i>required</i>	unique identifier of the organization.	integer (int(32))
orgName <i>required</i>	Name of the organization. This field will be ignored during unit creation. Maximal length : 100	string (varchar)
unitId <i>required</i>	To uniquely identify an unit.	integer (int(32))
unitName <i>required</i>	Name of the unit. Maximal length : 100	string (varchar)