

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
- *district* : Everything about the district
- *employee* : Employee related resources
- *meta* : Meta/Master Data Access
- *organization* : Everything about your organization
- *unit* : Everything about the unit

Chapter 2. Paths

2.1. Return list of units of a given organization

GET /resources/unit

2.1.1. Parameters

Type	Name	Description	Schema	Default
Header	Authorization: Bearer <i>required</i>	Access token	string	
Header	Cache-Control <i>required</i>	Caching	string	"private, no-store, max-age=300"
Query	organizationId <i>required</i>	The organizationId to be used as filter	string	

2.1.2. Responses

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

2.1.3. Produces

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

2.1.4. Tags

- unit

2.2. Return list of countries

GET /resources/v1/country

2.2.1. Parameters

Type	Name	Description	Schema	Default
Header	Authorization: Bearer <i>required</i>	Access token	string	
Header	Cache-Control <i>required</i>	Caching	string	"private, no-store, max-age=300"

2.2.2. Responses

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

2.2.3. Produces

- [application/xml](#)
- [application/json](#)

2.2.4. Tags

- country

2.3. Return list of departments of a given unit

GET /resources/v1/department

2.3.1. Parameters

Type	Name	Description	Schema	Default
Header	Authorization: Bearer <i>required</i>	Access token	string	
Header	Cache-Control <i>required</i>	Caching	string	"private, no-store, max-age=300"
Query	unitId <i>required</i>	to filter out the result based upon unit ID	string	

2.3.2. Responses

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

2.3.3. Produces

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

2.3.4. Tags

- department

2.4. Return list of districts

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

2.4.1. Parameters

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

Type	Name	Description	Schema	Default
Header	Cache-Control <i>required</i>	Caching	string	"private, no-store, max-age=300"
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	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. Get the 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	Default
Header	Authorization: Bearer <i>required</i>	Access token	string	

Type	Name	Description	Schema	Default
Header	Cache-Control <i>required</i>	Caching	string	"private, no-store, max-age=300"

2.5.3. Responses

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

2.5.4. Produces

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

2.5.5. Tags

- meta

2.6. Get the 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	Default
Header	Authorization: Bearer <i>required</i>	Access token	string	

Type	Name	Description	Schema	Default
Header	Cache-Control <i>required</i>	Caching	string	"private, no-store, max-age=300"

2.6.3. Responses

HTTP Code	Description	Schema
200	OK	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. Update Employee Address details.

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

2.7.1. Description

Update Employee Address details.

2.7.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token	string
Path	id <i>required</i>	Employee ID	string

Type	Name	Description	Schema
Body	reqBody <i>optional</i>	Employee Address parameters in JSON Body	EmployeeAddressModel

2.7.3. Responses

HTTP Code	Description	Schema
200	OK	No Content
404	Not Found	ErrorModel
500	Internal Server Error	ErrorModel

2.7.4. Consumes

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

2.7.5. Tags

- employee

2.8. Return a list of Organization objects

GET /resources/v1/organization

2.8.1. Description

OrganizationType will be a child object under each Organization object

2.8.2. Parameters

Type	Name	Description	Schema	Default
Header	Authorization: Bearer <i>required</i>	Access token	string	
Header	Cache-Control <i>required</i>	Caching	string	"private, no-store, max-age=300"

2.8.3. Responses

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

2.8.4. Produces

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

2.8.5. Tags

- organization

2.9. Get the list of states for a given country.

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

2.9.1. Description

Get the list of states for a given country.

2.9.2. Parameters

Type	Name	Description	Schema	Default
Header	Authorization: Bearer <i>required</i>	Access token	string	
Header	Cache-Control <i>required</i>	Caching	string	"private, no-store, max-age=300"
Query	countryId <i>required</i>	Country for which the list of states will be retrieved	string	

2.9.3. Responses

HTTP Code	Description	Schema
200	OK	StateModel
404	Not Found	ErrorModel
500	Internal Server Error	ErrorResponse

2.9.4. Produces

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

2.9.5. Tags

- `meta`

Chapter 3. Definitions

3.1. CountryModel

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

3.2. DepartmentModel

Name	Description	Schema
address <i>optional</i>	Address of the department Maximal length : 256	string (varchar)
departmentId <i>optional</i>	To uniquely identify a department. This field will be ignored during department creation.	integer (int(32))
departmentName <i>optional</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>optional</i>	To identify the parent of a particular department	integer (int(32))
unitName <i>optional</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>optional</i>	To uniquely identify the designation. This field will be ignored during the designation creation.	integer (int(32))
designationName <i>optional</i>	Name of the designation Maximal length : 32	string (varchar)

3.4. District

Name	Description	Schema
districtId <i>optional</i>	To uniquely identify a district. This field will be ignored during district creation.	integer (int(32))
districtName <i>optional</i>	Name of the district. Maximal length : 32	string (varchar)
stateId <i>optional</i>	To uniquely identify a state.	integer (int(32))
stateName <i>optional</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>optional</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>optional</i>	The name of the document type. Maximal length : 32	string (varchar)
identityDoc <i>optional</i>	If the document is a identity document, the value will be "X". Maximal length : 1	string (varchar)

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>optional</i>	The unique identifier of the country.	integer (int(32))
countryName <i>optional</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>optional</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>optional</i>	The number of the house. Maximal length : 32	string (varchar)
pinno <i>optional</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>optional</i>	The unique identifier of the state.	integer (int(32))
stateName <i>optional</i>	The name of the state. This field will be ignored during employee creation. Maximal length : 32	string (varchar)
streetName <i>optional</i>	The name of the street. Maximal length : 32	string (varchar)

3.8. EmployeeId

Type : string

3.9. 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)

3.10. EmployeeHierarchyModel

Name	Description	Schema
cl <i>optional</i>	The casual leaves of the employee.	integer (int(32))

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

3.11. ErrorModel

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

3.12. GradeModel

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

3.13. JobRoleModel

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

3.14. OrganizationModel

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

3.16. StateModel

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

3.17. UnitModel

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