

HRMS API specification

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Chapter 1. Overview

This is a specification document for all the HRMS API!

1.1. Version information

Version : 1.0.0

1.2. URI scheme

BasePath : /

Schemes : HTTP

1.3. Tags

- **employee** : Everything about the employee management related APIs (creation, search, update etc)

Chapter 2. Security

2.1. employee_operation_auth

Type : oauth2

Flow : implicit

Token URL : <http://permission>

Name	Description
write:employee	Modify an employee
read:employee	Read an employee
write:create_employee_document	Create document for an employee
read:read_employee_documents	Read document of an employee
write:update_employee_hierarchy	update employee's hierarchy mapping
read:read_employee_hierarchy	Read employee's hierarchy info
write:update_employee_document	Update employee's documents
write:update_employee_additional_details	Update additional details of employee
read:read_employee_additional_details	read additional details of an employee
write:update_employee_basic_details	Update basic details of employee

Name	Description
read:read_employee_basic_details	Read basic details of employee

2.2. api_key

Type : apiKey

Name : api_key

In : HEADER

Chapter 3. Paths

3.1. update additional details associated to an employee

```
PUT //employee/{id}/additionaldetails
```

3.1.1. Description

Updates additional details associated to an employee

3.1.2. Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	ID of employee	string
Body	body <i>required</i>	Additonal details that needs to be parsed and updated to DB	AdditionalDetails

3.1.3. Responses

HTTP Code	Description	Schema
200	Successful operation	No Content
403	User does not have permission to update document	No Content
404	Provided Id is not found or internal excepton	No Content
405	Invalid input	No Content

3.1.4. Consumes

- `application/json`

3.1.5. Produces

- `application/json`

3.1.6. Tags

- employee

3.1.7. Security

Type	Name	Scopes
oauth2	employee_operation_auth	write:update_employee_additional_details,read:read_employee_additional_details,read:employee

3.2. update basic info associated to an employee

```
PUT //employee/{id}/basicinfo
```

3.2.1. Description

Updates basic details associated to an employee

3.2.2. Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	ID of employee	string
Body	body <i>required</i>	Basic details that needs to be parsed and updated to DB	BasicDetails

3.2.3. Responses

HTTP Code	Description	Schema
200	Successful operation	No Content
403	User does not have permission to update document	No Content
404	Provided Id is not found or internal exception	No Content
405	Invalid input	No Content

3.2.4. Consumes

- `application/json`

3.2.5. Produces

- `application/json`

3.2.6. Tags

- employee

3.2.7. Security

Type	Name	Scopes
oauth2	employee_operation_auth	write:update_employee_basic_details,read:read_employee_basic_details,read:employee

3.3. Add a new document against the employee

```
POST //employee/{id}/document
```

3.3.1. Description

Adds a new document against the employee mentioned by {id}. The actual document should come as an attachment to the message. Additional details related to the document (for example its type etc) must be specified in the message body

3.3.2. Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	ID of employee for which document is being uploaded	string
Body	body <i>required</i>	Document object that needs to be uploaded / saved	Document

3.3.3. Responses

HTTP Code	Description	Schema
200	Successful operation	No Content
403	User does not have permission to update document	No Content
404	Provided Id is not found or internal exception	No Content
405	Invalid input	No Content

3.3.4. Consumes

- `application/json`

3.3.5. Produces

- `application/json`

3.3.6. Tags

- `employee`

3.3.7. Security

Type	Name	Scopes
oauth2	employee_operation_auth	write:create_employee_document,read:read_employee_documents,read:employee

3.4. update a document against the employee

```
PUT //employee/{id}/document/{docId}
```

3.4.1. Description

Overrrides an existing document (specified by its docId), with a new one

3.4.2. Parameters

Type	Name	Description	Schema
Path	docId <i>required</i>	ID of the document which is being updated	string
Path	id <i>required</i>	ID of employee for which document is being uploaded	string
Body	body <i>required</i>	Document object that needs to be uploaded / saved	Document

3.4.3. Responses

HTTP Code	Description	Schema
200	Successful operation	No Content

HTTP Code	Description	Schema
403	User does not have permission to update document	No Content
404	Provided Id is not found or internal exception	No Content
405	Invalid input	No Content

3.4.4. Consumes

- `application/json`

3.4.5. Produces

- `application/json`

3.4.6. Tags

- employee

3.4.7. Security

Type	Name	Scopes
oauth2	employee_operation_auth	write:update_employee_document,read:read_employee_documents,read:employee

3.5. update reporting information associated to an employee

```
PUT //employee/{id}/hierarchystatus
```

3.5.1. Description

Updates reporting information associated to an employee

3.5.2. Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	ID of employee	string
Body	body <i>required</i>	Details of supervisor	Supervisor

3.5.3. Responses

HTTP Code	Description	Schema
200	Successful operation	No Content
403	User does not have permission to update document	No Content
404	Provided Id is not found or internal exception	No Content
405	Invalid input	No Content

3.5.4. Consumes

- `application/json`

3.5.5. Produces

- `application/json`

3.5.6. Tags

- `employee`

3.5.7. Security

Type	Name	Scopes
oauth2	employee_operation_auth	write:update_employee_hierarchy,read:read_employee_hierarchy,read:employee

3.6. Get the entire profile of an employee

```
GET //employee/{id}/profile
```

3.6.1. Description

Read the entire profile of an employee

3.6.2. Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	ID of employee	string

3.6.3. Responses

HTTP Code	Description	Schema
200	Successful operation	No Content
403	User does not have permission	No Content
404	Provided Id is not found or internal excepton	No Content
405	Invalid input	No Content

3.6.4. Consumes

- `application/json`

3.6.5. Produces

- `application/json`

3.6.6. Tags

- employee

3.6.7. Security

Type	Name	Scopes
oauth2	employee_operation_auth	read:employee

Chapter 4. Definitions

4.1. AdditionalDetails

Name	Description	Schema
details <i>optional</i>	Additional details object	object

4.2. BasicDetails

Name	Description	Schema
details <i>optional</i>	Basic details object	object

4.3. Document

Name	Description	Schema
docType <i>optional</i>	The type of the document that is being uploaded	string

4.4. Supervisor

Name	Description	Schema
supervisorId <i>optional</i>	Id of the supervisor	string