

HRMS

Table of Contents

- 1. Overview 1
 - 1.1. Version information 1
 - 1.2. URI scheme..... 1
 - 1.3. Tags 1
- 2. Paths 2
 - 2.1. Authenticates the User and Renews the Access Token 2
 - 2.1.1. Description 2
 - 2.1.2. Parameters 2
 - 2.1.3. Responses 2
 - 2.1.4. Consumes 2
 - 2.1.5. Produces 2
 - 2.1.6. Tags 2
 - 2.2. Allows the User to Change Password..... 3
 - 2.2.1. Description 3
 - 2.2.2. Parameters 3
 - 2.2.3. Responses 3
 - 2.2.4. Consumes 3
 - 2.2.5. Produces 3
 - 2.2.6. Tags 3
 - 2.3. Returns List of Countries 3
 - 2.3.1. Description 4
 - 2.3.2. Parameters 4
 - 2.3.3. Responses 4
 - 2.3.4. Produces 4
 - 2.3.5. Tags 4
 - 2.4. Returns List of Departments in a Given Unit..... 4
 - 2.4.1. Description 4
 - 2.4.2. Parameters 5
 - 2.4.3. Responses 5
 - 2.4.4. Produces 5
 - 2.4.5. Tags 5
 - 2.5. Returns List of Designations in a Given Job Role..... 5
 - 2.5.1. Description 5
 - 2.5.2. Parameters 6
 - 2.5.3. Responses 6
 - 2.5.4. Produces 6

2.5.5. Tags	6
2.6. Returns List of Districts.....	6
2.6.1. Description	6
2.6.2. Parameters	7
2.6.3. Responses	7
2.6.4. Produces	7
2.6.5. Tags	7
2.7. Gets List of Document Types	7
2.7.1. Description	7
2.7.2. Parameters	8
2.7.3. Responses	8
2.7.4. Produces	8
2.7.5. Tags	8
2.8. Gets List of Identity Document Types	8
2.8.1. Description	8
2.8.2. Parameters	9
2.8.3. Responses	9
2.8.4. Produces	9
2.8.5. Tags	9
2.9. Creates a new employee.	9
2.9.1. Description	9
2.9.2. Parameters	9
2.9.3. Responses	10
2.9.4. Consumes	10
2.9.5. Produces	10
2.9.6. Tags	10
2.10. Returns Autocomplete List for a Given Employee Attribute	10
2.10.1. Description.....	10
2.10.2. Parameters.....	11
2.10.3. Responses	11
2.10.4. Produces	11
2.10.5. Tags	11
2.11. Gets the Complete Details of an Employee.....	11
2.11.1. Description.....	12
2.11.2. Parameters.....	12
2.11.3. Responses	12
2.11.4. Produces	12
2.11.5. Tags	12

2.12. Updates the Additional Details of an Employee	12
2.12.1. Description	13
2.12.2. Parameters	13
2.12.3. Responses	13
2.12.4. Consumes	13
2.12.5. Produces	13
2.12.6. Tags	13
2.13. Updates Employee Address Details	14
2.13.1. Description	14
2.13.2. Parameters	14
2.13.3. Responses	14
2.13.4. Consumes	14
2.13.5. Produces	14
2.13.6. Tags	15
2.14. Updates the Basic Details of an Employee	15
2.14.1. Description	15
2.14.2. Parameters	15
2.14.3. Responses	15
2.14.4. Consumes	15
2.14.5. Produces	16
2.14.6. Tags	16
2.15. Updates the Hierarchy Status of an Employee	16
2.15.1. Description	16
2.15.2. Parameters	16
2.15.3. Responses	16
2.15.4. Consumes	17
2.15.5. Produces	17
2.15.6. Tags	17
2.16. Adds an Optional Benefit to an Employee	17
2.16.1. Description	17
2.16.2. Parameters	17
2.16.3. Responses	17
2.16.4. Consumes	18
2.16.5. Produces	18
2.16.6. Tags	18
2.17. Updates an Optional Benefit to an Employee	18
2.17.1. Description	18
2.17.2. Parameters	18

2.17.3. Responses	19
2.17.4. Consumes	19
2.17.5. Produces	19
2.17.6. Tags	19
2.18. Adds payslip of an Employee	19
2.18.1. Description	19
2.18.2. Parameters	19
2.18.3. Responses	20
2.18.4. Consumes	20
2.18.5. Produces	20
2.18.6. Tags	20
2.19. Fetch payslip of an Employee	20
2.19.1. Description	20
2.19.2. Parameters	20
2.19.3. Responses	21
2.19.4. Consumes	21
2.19.5. Produces	21
2.19.6. Tags	21
2.20. Updates the Profile of an Employee.	21
2.20.1. Description	21
2.20.2. Parameters	22
2.20.3. Responses	22
2.20.4. Consumes	22
2.20.5. Produces	22
2.20.6. Tags	22
2.21. Updates the Salary of an Employee	22
2.21.1. Description	23
2.21.2. Parameters	23
2.21.3. Responses	23
2.21.4. Consumes	23
2.21.5. Produces	23
2.21.6. Tags	23
2.22. Returns List of Job Roles in a Given Organization	24
2.22.1. Description	24
2.22.2. Parameters	24
2.22.3. Responses	24
2.22.4. Produces	24
2.22.5. Tags	24

2.23. Gets the Optional Benefits of a Given Job Role	25
2.23.1. Description	25
2.23.2. Parameters	25
2.23.3. Responses	25
2.23.4. Produces	25
2.23.5. Tags	25
2.24. Gets the Salary of a Given Job Role	25
2.24.1. Description	26
2.24.2. Parameters	26
2.24.3. Responses	26
2.24.4. Produces	26
2.24.5. Tags	26
2.25. Returns List of Organizations	26
2.25.1. Description	27
2.25.2. Parameters	27
2.25.3. Responses	27
2.25.4. Produces	27
2.25.5. Tags	27
2.26. Retrieves the Permissions of the Logged In User	27
2.26.1. Description	27
2.26.2. Parameters	28
2.26.3. Responses	28
2.26.4. Produces	28
2.26.5. Tags	28
2.27. Gets List of States for a Given Country	28
2.27.1. Description	28
2.27.2. Parameters	29
2.27.3. Responses	29
2.27.4. Produces	29
2.27.5. Tags	29
2.28. Returns List of Units in a Given Organization	29
2.28.1. Parameters	29
2.28.2. Responses	30
2.28.3. Produces	30
2.28.4. Tags	30
3. Definitions	31
3.1. Country	31
3.2. Department	31

3.3. Designation	31
3.4. District.....	32
3.5. DocType	32
3.6. Employee	32
3.7. EmployeeAddlDetails	33
3.8. EmployeeAddress.....	34
3.9. EmployeeBasicInfo	35
3.10. EmployeeHierarchy.....	36
3.11. EmployeeOptionalBenefit	37
3.12. EmployeePayslip	38
3.13. EmployeeProfile	38
3.14. EmployeeSalary	38
3.15. Grade.....	38
3.16. JobRole	39
3.17. LoginDetails.....	39
3.18. Message	39
3.19. OptionalSalary	40
3.20. Organization	40
3.21. OrganizationType.....	40
3.22. PasswordChangeDetails	41
3.23. Permission	41
3.24. Salary	41
3.25. SalaryComponent.....	41
3.26. SalaryOptComponent	42
3.27. State	42
3.28. Token.....	43
3.29. Unit	43

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

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

Chapter 2. Paths

2.1. Authenticates the User and Renews the Access Token

```
GET /resources/v1/authentication
```

2.1.1. Description

Authenticates the user based on the supplied user name and password. It can also renew the access token using a refresh token.

2.1.2. Parameters

Type	Name	Description	Schema
Body	loginDetails <i>optional</i>	The login credentials of the user.	LoginDetails

2.1.3. Responses

HTTP Code	Description	Schema
200	Authentication is successful	Token
401	The supplied refresh token is not valid or the authentication fails.	Message
500	Internal Server Error	Message

2.1.4. Consumes

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

2.1.5. Produces

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

2.1.6. Tags

- security

2.2. Allows the User to Change Password

GET /resources/v1/changepassword

2.2.1. Description

Allows the user to change the password by authenticating himself/herself.

2.2.2. Parameters

Type	Name	Description	Schema
Body	passwordChangeDetails <i>optional</i>	The password change details of the user.	PasswordChangeDetails

2.2.3. Responses

HTTP Code	Description	Schema
200	Password is successfully changed.	No Content
401	Invalid username and password.	No Content
500	Internal Server Error.	Message

2.2.4. Consumes

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

2.2.5. Produces

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

2.2.6. Tags

- security

2.3. Returns List of Countries

GET /resources/v1/country

2.3.1. Description

Returns list of all countries.

2.3.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string

2.3.3. Responses

HTTP Code	Description	Schema
200	The list of countries is retrieved successfully. Headers : Cache-Control (string) : Caching. Default : "private, no-store, max-age=300"	< Country > array
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	No country is found.	Message
500	Internal Server Error.	Message

2.3.4. Produces

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

2.3.5. Tags

- meta

2.4. Returns List of Departments in a Given Unit

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

2.4.1. Description

Returns list of departments within a given unit.

2.4.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Query	unitId <i>required</i>	The id of the unit whose departments are to be retrieved.	string

2.4.3. Responses

HTTP Code	Description	Schema
200	The departments are successfully retrieved. Headers : Cache-Control (string) : Caching. Default : "private, no-store, max-age=300"	< Department > array
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	No department is found for the given unit id.	Message
500	Internal Server Error.	Message

2.4.4. Produces

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

2.4.5. Tags

- department

2.5. Returns List of Designations in a Given Job Role.

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

2.5.1. Description

Returns list of designations in a given job role.

2.5.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Query	jobRoleId <i>required</i>	The id of the job role for which the designations are to be returned.	integer

2.5.3. Responses

HTTP Code	Description	Schema
200	The designations are successfully returned. Headers : Cache-Control (string) : Caching. Default : "private, no-store, max-age=300"	< Designation > array
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	Not Found	Message
500	Internal Server Error.	Message

2.5.4. Produces

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

2.5.5. Tags

- designation

2.6. Returns List of Districts

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

2.6.1. Description

Returns list of districts in a given state.

2.6.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Query	stateId <i>required</i>	The id of the state whose districts are to be retrieved.	string

2.6.3. Responses

HTTP Code	Description	Schema
200	The districts are successfully retrieved. Headers : Cache-Control (string) : Caching. Default : "private, no-store, max-age=300"	< District > array
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command	Message
404	No district is found for the given state.	Message
500	Internal Server Error.	Message

2.6.4. Produces

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

2.6.5. Tags

- meta

2.7. Gets List of Document Types

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

2.7.1. Description

Gets the list of document types. These document types will be mainly used to store various documents of the employee like passport, birth certificate, graduation certificate etc.

2.7.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string

2.7.3. Responses

HTTP Code	Description	Schema
200	The list of document types is successfully retrieved. Headers : Cache-Control (string) : Caching. Default : "private, no-store, max-age=300"	< DocType > array
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	No document type is found.	Message
500	Internal Server Error.	Message

2.7.4. Produces

- application/xml
- application/json

2.7.5. Tags

- meta

2.8. Gets List of Identity Document Types

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

2.8.1. Description

Gets the list of identity document types. Out of all document types, some are that of identity documents like passport for example. Such document type is useful to identify an employee. And the number of such a document will be stored in the employee basic information for quick identification.

2.8.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string

2.8.3. Responses

HTTP Code	Description	Schema
200	The identity document types are successfully retrieved. Headers : Cache-Control (string) : Caching. Default : "private, no-store, max-age=300"	< DocType > array
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	No identity document type is found.	Message
500	Internal Server Error.	Message

2.8.4. Produces

- application/xml
- application/json

2.8.5. Tags

- meta

2.9. Creates a new employee.

POST /resources/v1/employee

2.9.1. Description

Creates a new employee.

2.9.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string

2.9.3. Responses

HTTP Code	Description	Schema
201	The employee is successfully created. Headers : Cache-Control (string) : Caching. Default : "private, no-store, max-age=300"	string
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
500	Internal Server Error.	Message

2.9.4. Consumes

- application/xml
- application/json

2.9.5. Produces

- application/xml
- application/json

2.9.6. Tags

- employee

2.10. Returns Autocomplete List for a Given Employee Attribute

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

2.10.1. Description

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

2.10.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Query	attributeName <i>required</i>	Name of the attribute which could be firstName, middleName, lastName or emailAddress.	string
Query	attributeValuePrefix <i>required</i>	FirstName, middleName, lastName or emailAddress starts with this value.	string
Query	numberOfItems <i>required</i>	The number of items matching the value to be returned.	integer
Query	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 organizations.	boolean

2.10.3. Responses

HTTP Code	Description	Schema
200	The matching values are retrieved successfully.	< string > array
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
500	Internal Server Error	Message

2.10.4. Produces

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

2.10.5. Tags

- employee

2.11. Gets the Complete Details of an Employee

```
GET /resources/v1/employee/{id}
```

2.11.1. Description

Returns the complete details of a given employee.

2.11.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Path	id <i>required</i>	The employee id for which the data will be returned.	integer

2.11.3. Responses

HTTP Code	Description	Schema
200	The employee details are successfully retrieved. Headers : Cache-Control (string) : Caching. Default : "private, no-store, max-age=100"	Employee
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command	Message
404	No employee with the given id is found.	Message
500	Internal Server Error.	Message

2.11.4. Produces

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

2.11.5. Tags

- employee

2.12. Updates the Additional Details of an Employee

PUT /resources/v1/employee/{id}/additionaldetails

2.12.1. Description

Updates the additional details of a given employee.

2.12.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Path	id <i>required</i>	The employee id for which the data will be updated.	integer
Body	reqBody <i>optional</i>	Employee additional data.	EmployeeAddlDetails

2.12.3. Responses

HTTP Code	Description	Schema
200	The data is successfully updated.	No Content
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	No employee is found with the given employee id.	Message
500	Internal Server Error.	Message

2.12.4. Consumes

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

2.12.5. Produces

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

2.12.6. Tags

- employee

2.13. Updates Employee Address Details

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

2.13.1. Description

Updates the employee address details.

2.13.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Path	id <i>required</i>	Id of the employee whose address will be updated.	string
Body	reqBody <i>optional</i>	Employee Address parameters in JSON Body	EmployeeAddress

2.13.3. Responses

HTTP Code	Description	Schema
200	The address of the given employee is successfully updated.	No Content
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	The employee with the given id is not found.	Message
500	Internal Server Error.	Message

2.13.4. Consumes

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

2.13.5. Produces

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

2.13.6. Tags

- employee

2.14. Updates the Basic Details of an Employee

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

2.14.1. Description

Updates the basic details of a given employee.

2.14.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Path	id <i>required</i>	The employee id for which the data will be updated.	integer
Body	reqBody <i>optional</i>	Employee basic data.	EmployeeBasicInfo

2.14.3. Responses

HTTP Code	Description	Schema
200	The employee basic info is updated successfully.	No Content
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	No employee is found with the given employee id.	Message
500	Internal Server Error	Message

2.14.4. Consumes

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

2.14.5. Produces

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

2.14.6. Tags

- `employee`

2.15. Updates the Hierarchy Status of an Employee

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

2.15.1. Description

Updates the hierarchy status of a given employee.

2.15.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Path	id <i>required</i>	The employee id for which the data will be updated.	integer
Body	reqBody <i>optional</i>	New employee hierarchy status data.	EmployeeHierarchy

2.15.3. Responses

HTTP Code	Description	Schema
200	The data is successfully updated.	No Content
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command	Message
404	No employee with the given id is found.	Message
500	Internal Server Error.	Message

2.15.4. Consumes

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

2.15.5. Produces

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

2.15.6. Tags

- `employee`

2.16. Adds an Optional Benefit to an Employee

```
POST /resources/v1/employee/{id}/optionalbenefits
```

2.16.1. Description

Adds an optional benefit to a given employee.

2.16.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Path	id <i>required</i>	The employee id for which the optional benefit will be created.	integer
Body	reqBody <i>optional</i>	Employee optional benefit data.	EmployeeOptionalBenefit

2.16.3. Responses

HTTP Code	Description	Schema
201	The optional benefit created successfully.	No Content
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message

HTTP Code	Description	Schema
404	No employee is found with the given employee id.	Message
500	Internal Server Error.	Message

2.16.4. Consumes

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

2.16.5. Produces

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

2.16.6. Tags

- employee

2.17. Updates an Optional Benefit to an Employee

```
PUT /resources/v1/employee/{id}/optionalbenefits/{oid}
```

2.17.1. Description

Updates an optional benefit to a given employee.

2.17.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Path	id <i>required</i>	The employee id for which the data will be updated.	integer
Path	oid <i>required</i>	The optional benefit id for which the data will be updated.	integer
Body	reqBody <i>optional</i>	Employee optional benefit data.	EmployeeOptionalBenefit

2.17.3. Responses

HTTP Code	Description	Schema
201	The optional benefit created successfully.	No Content
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	No employee is found with the given employee id.	Message
500	Internal Server Error.	Message

2.17.4. Consumes

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

2.17.5. Produces

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

2.17.6. Tags

- `employee`

2.18. Adds payslip of an Employee

```
POST /resources/v1/employee/{id}/payslip
```

2.18.1. Description

Insert payslip of a given employee.

2.18.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Path	id <i>required</i>	The employee id for which the optional benefit will be created.	integer

Type	Name	Description	Schema
Body	reqBody <i>optional</i>	Employee optional benefit data.	EmployeePayslip

2.18.3. Responses

HTTP Code	Description	Schema
200	The payslip stored successfully.	No Content
404	No employee is found with the given employee id.	Message
500	Internal Server Error.	Message

2.18.4. Consumes

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

2.18.5. Produces

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

2.18.6. Tags

- employee

2.19. Fetch payslip of an Employee

```
GET /resources/v1/employee/{id}/payslip
```

2.19.1. Description

To get payslip of an particular employee

2.19.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string

Type	Name	Description	Schema
Path	id <i>required</i>	The employee id for which the data will be updated.	integer
Query	month <i>required</i>	The month which will filter out payslip selection.	string
Query	year <i>required</i>	The year which will filter out payslip selection.	integer

2.19.3. Responses

HTTP Code	Description	Schema
200	payslip fetched successfully.	EmployeePayslip
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	No employee is found with the given employee id.	Message
500	Internal Server Error.	Message

2.19.4. Consumes

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

2.19.5. Produces

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

2.19.6. Tags

- employee

2.20. Updates the Profile of an Employee.

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

2.20.1. Description

Updates the profile of a given employee.

2.20.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Path	id <i>required</i>	The employee id for which the data will be updated.	integer
Body	reqBody <i>optional</i>	Employee profile data.	EmployeeProfile

2.20.3. Responses

HTTP Code	Description	Schema
200	The data is successfully updated.	No Content
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	No employee is found with the given employee id.	Message
500	Internal Server Error.	Message

2.20.4. Consumes

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

2.20.5. Produces

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

2.20.6. Tags

- employee

2.21. Updates the Salary of an Employee

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

2.21.1. Description

Updates the salary of a given employee.

2.21.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Path	id <i>required</i>	The employee id for which the data will be updated.	integer
Body	reqBody <i>optional</i>	Employee salary data.	EmployeeSalary

2.21.3. Responses

HTTP Code	Description	Schema
200	The salary information of the employee is successfully updated.	No Content
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	No employee is found with the given employee id.	Message
500	Internal Server Error.	Message

2.21.4. Consumes

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

2.21.5. Produces

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

2.21.6. Tags

- employee

2.22. Returns List of Job Roles in a Given Organization

GET /resources/v1/jobrole

2.22.1. Description

Returns list of job roles in a given organization.

2.22.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Query	orgId <i>required</i>	The id of the organization whose job roles are to be returned.	integer

2.22.3. Responses

HTTP Code	Description	Schema
200	The job roles are successfully retrieved. Headers : Cache-Control (string) : Caching. Default : "private, no-store, max-age=300"	< JobRole > array
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	No job role is found for the given organization.	Message
500	Internal Server Error.	Message

2.22.4. Produces

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

2.22.5. Tags

- jobrole

2.23. Gets the Optional Benefits of a Given Job Role

```
GET /resources/v1/jobrole/{id}/optbenefit
```

2.23.1. Description

Gets the optional benefits of a given job role.

2.23.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Path	id <i>required</i>	The job role id for which the data will be retrieved.	integer

2.23.3. Responses

HTTP Code	Description	Schema
200	The optional benefits of a given job role are successfuy retrieved.	OptionalSalary
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	No optional benefit is found with the given job role id.	Message
500	Internal Server Error	Message

2.23.4. Produces

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

2.23.5. Tags

- jobrole

2.24. Gets the Salary of a Given Job Role


```
GET /resources/v1/jobrole/{id}/salary
```

2.24.1. Description

Gets the salary of a given job role.

2.24.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Path	id <i>required</i>	The job role id for which the data will be retrieved.	integer

2.24.3. Responses

HTTP Code	Description	Schema
200	The salary of the job role is successfully retrieved.	#definitions/Salary
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	No salary component is found with the given job role id.	Message
500	Internal Server Error.	Message

2.24.4. Produces

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

2.24.5. Tags

- jobrole

2.25. Returns List of Organizations

```
GET /resources/v1/organization
```

2.25.1. Description

Returns a complete list of organizations defined in the system.

2.25.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string

2.25.3. Responses

HTTP Code	Description	Schema
200	The list of organizations are successfully retrieved. Headers : Cache-Control (string) : Caching. Default : "private, no-store, max-age=300"	< Organization > array
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	No organization is found.	Message
500	Internal Server Error.	Message

2.25.4. Produces

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

2.25.5. Tags

- organization

2.26. Retrieves the Permissions of the Logged In User

```
GET /resources/v1/permission
```

2.26.1. Description

Retrieves the permissions of the logged in user at the GUI level or at the API level.

2.26.2. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Query	permissionLevel <i>required</i>	The permission level which can be either "view" (i.e. GUI related permissions) or "api" (i.e. REST API related permissions).	integer

2.26.3. Responses

HTTP Code	Description	Schema
200	The permissions of a given user are successfully retrieved.	< Permission > array
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	No permission found for the logged in user.	Message
500	Internal Server Error	Message

2.26.4. Produces

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

2.26.5. Tags

- security

2.27. Gets List of States for a Given Country

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

2.27.1. Description

Gets the list of states for a given country. This data will be required while saving the address of the employee.

2.27.2. Parameters

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

2.27.3. Responses

HTTP Code	Description	Schema
200	The list of states are successfully retrieved. Headers : Cache-Control (string) : Caching. Default : "private, no-store, max-age=300"	< State > array
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	No state found for the given country.	Message
500	Internal Server Error.	Message

2.27.4. Produces

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

2.27.5. Tags

- meta

2.28. Returns List of Units in a Given Organization

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

2.28.1. Parameters

Type	Name	Description	Schema
Header	Authorization : Bearer <i>required</i>	Access token to be sent for authentication and authorization.	string
Query	organizationId <i>required</i>	The id of the organization whose units will be retrieved.	string

2.28.2. Responses

HTTP Code	Description	Schema
200	The units are successfully retrieved. Headers : <i>Cache-Control</i> (string) : Caching. Default : "private, no-store, max-age=300"	< Unit > array
401	The access token expired or the access token is invalid.	Message
403	User does not have permission to execute this command.	Message
404	No unit is found for the given organization.	Message
500	Internal Server Error.	Message

2.28.3. Produces

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

2.28.4. Tags

- unit

Chapter 3. Definitions

3.1. Country

Name	Description	Schema
countryId <i>required</i>	Unique identifier of a country.	integer (int(32))
countryName <i>required</i>	Name of the country. Maximal length : 32	string (varchar)

3.2. Department

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. Designation

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>	Unique identifier of a district.	integer (int(32))
districtName <i>required</i>	Name of the district. Maximal length : 32	string (varchar)
stateId <i>required</i>	Unique identifier of a state.	integer (int(32))
stateName <i>required</i>	Name of the state. Maximal length : 32	string (varchar)

3.5. DocType

Name	Description	Schema
docTypeId <i>required</i>	Unique identifier of a document type 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. Employee

Name	Description	Schema
employeeAddlDetails <i>optional</i>	The employee additional details.	EmployeeAddlDetails
employeeAddress <i>optional</i>	The employee address.	EmployeeAddress
employeeBasicDetails <i>optional</i>	The employee basic information.	EmployeeBasicInfo
employeeHierarchy <i>optional</i>	The employee hierarchy.	EmployeeHierarchy

Name	Description	Schema
employeeOptionalBenefit <i>optional</i>	The employee optional benefit.	EmployeeOptionalBenefit
employeeProfile <i>optional</i>	The employee profile.	EmployeeProfile
employeeSalary <i>optional</i>	The employee salary.	EmployeeSalary

3.7. EmployeeAddlDetails

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)
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.	number (double)
nomineeShare2 <i>optional</i>	The share of the second nominee.	number (double)

Name	Description	Schema
nomineeShare3 <i>optional</i>	The share of the third nominee.	number (double)
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))

3.8. EmployeeAddress

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))
districtName <i>required</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)

Name	Description	Schema
streetName <i>required</i>	The name of the street. Maximal length : 32	string (varchar)

3.9. EmployeeBasicInfo

Name	Description	Schema
contactNo <i>required</i>	The contact number of the employee. Maximal length : 15	string (varchar)
department <i>required</i>	The department the employee belongs to.	Department
dob <i>optional</i>	Date of birth of the employee.	string (date-time)
doj <i>required</i>	date of joining of the employee.	string (date-time)
emailId <i>optional</i>	Email address of the employee. Maximal length : 30	string (varchar)
empFirstName <i>required</i>	First name of the employee. Maximal length : 60	string (varchar)
empId <i>required</i>	Unique identifier of the employee. This field will be ignored during employee creation.	integer (int(32))
empLastName <i>optional</i>	Last name of the employee. Maximal length : 60	string (varchar)
empMiddleName <i>optional</i>	Middle name of the employee. Maximal length : 30	string (varchar)
empType <i>required</i>	Permanent or Contract employee. Maximal length : 15	string (varchar)
entryBy <i>optional</i>	The username that entered the record. Maximal length : 32	string (varchar)
entryDate <i>optional</i>	Entry date and time.	string (date-time)
fatherName <i>optional</i>	Father's name of the employee. Maximal length : 120	string (varchar)
hrFlag <i>optional</i>	Indicates if the employee is a HR.	boolean

Name	Description	Schema
identityDocType <i>required</i>	The identity document type.	DocType
identityNumber <i>required</i>	The identification document number of the employee. Maximal length : 32	string (varchar)
maritalStatus <i>required</i>	Marital status of the employee. Maximal length : 10	string (varchar)
nationality <i>required</i>	Nationality of the employee. Maximal length : 32	string (varchar)
organization <i>required</i>	The organization the employee belongs to.	Organization
sex <i>required</i>	Sex of the employee. Maximal length : 10	string (varchar)
supervisorFlag <i>optional</i>	Indicates if the employee is a supervisor.	boolean
title <i>required</i>	Title of the employee. Maximal length : 5	string (varchar)
unit <i>required</i>	The unit the employee belongs to.	Unit

3.10. EmployeeHierarchy

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))
noticePeriodEndDate <i>optional</i>	The notice period end date.	string (date-time)

Name	Description	Schema
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)

3.11. EmployeeOptionalBenefit

Name	Description	Schema
benefitValue <i>required</i>	The benefit value for the employee.	number (double)
frequency <i>optional</i>	Frequency of the benefit in months.	integer (int(32))
iterations <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))
nextDueDate <i>optional</i>	The next due date of this benefit for the employee.	string (date-time)
optSalaryComponent <i>required</i>	Optional salary component.	SalaryOptComponent
startDate <i>required</i>	The start date of this benefit for the employee.	string (date-time)
stopDate <i>optional</i>	The stop date of this benefit for the employee.	string (date-time)

3.12. EmployeePayslip

Name	Description	Schema
month <i>optional</i>	Month of the payslip. Maximal length : 15	string (varchar)
payslipFile <i>optional</i>	This will display the Payslip in pdf.	string (text)
totalDeduction <i>optional</i>	Total deuction value in the payslip.	number (double)
totalEarning <i>optional</i>	Total earning value in the payslip.	number (double)
year <i>optional</i>	year of the payslip.	integer (int 32)

3.13. EmployeeProfile

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)

3.14. EmployeeSalary

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

3.15. Grade

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)

3.16. JobRole

Name	Description	Schema
NoticePeriod <i>required</i>	Notice period if the employee returns after the probation period.	integer (int(32))
grade <i>required</i>	Name of the grade	#definitions/Grade
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	#definitions/Organization
probationNoticePeriod <i>required</i>	Notice period if the employee resigns during the probation period.	integer (int(32))

3.17. LoginDetails

Name	Description	Schema
password <i>optional</i>	The secret password of the employee.	string (varchar)
token <i>optional</i>	The refresh token to be used for renewing the access token. This field should be used only when the client has a valid access token. When this field is used, the username and password need not be sent because the authentication will happen using the refresh token.	string (varchar)
username <i>optional</i>	Login user name which is same as the employee id. Maximal length : 20	string (varchar)

3.18. Message

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

3.19. OptionalSalary

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

3.20. Organization

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.	OrganizationType

3.21. OrganizationType

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)

3.22. PasswordChangeDetails

Name	Description	Schema
confirmedPassword <i>optional</i>	The confirmed password of the user.	string (varchar)
currentPassword <i>optional</i>	The current password of the user.	string (varchar)
newPassword <i>optional</i>	The new password of the user.	string (varchar)

3.23. Permission

Name	Description	Schema
permission <i>optional</i>	The permission name. Maximal length : 30	string (varchar)
resource <i>optional</i>	The resource name of the permission. Maximal length : 60	string (varchar)

3.24. Salary

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

3.25. SalaryComponent

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))

Name	Description	Schema
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)

3.26. SalaryOptComponent

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 in months.	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)
salOptComponent <i>optional</i>	Salary componenet. Maximal length : 32	string (varchar)

3.27. State

Name	Description	Schema
countryId <i>required</i>	Unique identifier of a state.	integer (int(32))

Name	Description	Schema
countryName <i>required</i>	Name of the country. Maximal length : 32	string (varchar)
stateId <i>required</i>	Unique identifier of a state.	integer (int(32))
stateName <i>required</i>	Name of the state. Maximal length : 32	string (varchar)

3.28. Token

Name	Description	Schema
accessToken <i>required</i>	The access token to be passed in the Authorization header in all the API calls.	string (varchar)
refreshToken <i>required</i>	The refresh token to be used to renew the expired access token.	string (varchar)
userDisplayName <i>required</i>	The actual name of the user as stored in the LDAP server.	string (varchar)
userName <i>required</i>	The username used for login. Maximal length : 20	string (varchar)

3.29. Unit

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))

Name	Description	Schema
unitName <i>required</i>	Name of the unit. Maximal length : 100	string (varchar)