# **API’s of Feature (ROLE)**

## **Create Feature**

**URL:** http://localhost:8080/role/feature

**Request Type:** POST

**Request Content Type:** application/json

**Response Content Type:** application/json

**Remarks:**

1. To create new feature in feature table. Required authentication token from login API response.

**Request Header:**

|  |  |
| --- | --- |
| **Key** | **Description** |
| Content-Type | application/json |

**Request Body:**

|  |  |
| --- | --- |
| **Key** | **Description** |
| featureName (Mandatory) | String type |
| featureNameBan (Mandatory) | String type |
| featureCode (Mandatory) | String type |
| url (Mandatory) | String type |
| type (Mandatory) | String type |
| position (Mandatory) | String type |
| iconId (Mandatory) | String type |
| parentId (Mandatory) | Feature ID |
| isActive (Mandatory) | String type |

**Response Header:**

|  |  |
| --- | --- |
| **Key** | **Description** |
| Content-Type | application/json |

**Response Body:**

* **201 Created**

|  |  |
| --- | --- |
| **Key** | **Description** |
| message | Feature Created Successfully |
| id | Id of the created feature |

* **400 Bad Request**

|  |  |
| --- | --- |
| **Key** | **Description** |
| Errors | Array of Objects containing message and field as message key and field name key. |

* **500 Internal Server Error**

|  |  |
| --- | --- |
| **Key** | **Description** |
| statusCode | Http status code 500 |
| message | Server message about request |

## **Update Feature**

**URL:** http://localhost:8080/role/feature/id

**Request Type:** Put

**Request Content Type:** application/json

**Response Content Type:** application/json

**Remarks:**

1. To update existing feature. Required authentication token from login API response.

**Request Header:**

|  |  |
| --- | --- |
| **Key** | **Description** |
| Content-Type | application/json |

**Request Body:**

|  |  |
| --- | --- |
| **Key** | **Description** |
| featureName (Mandatory) | String type |
| featureNameBan (Mandatory) | String type |
| featureCode (Mandatory) | String type |
| url (Mandatory) | String type |
| type (Mandatory) | String type |
| position (Mandatory) | String type |
| iconId (Mandatory) | String type |
| parentId (Mandatory) | Feature ID |
| isActive (Mandatory) | String type |

**Response Header:**

|  |  |
| --- | --- |
| **Key** | **Description** |
| Content-Type | application/json |

**Response Body:**

* **201 Created**

|  |  |
| --- | --- |
| **Key** | **Description** |
| message | Feature Updated Successfully |
| id | Id of the updated feature |

* **400 Bad Request**

|  |  |
| --- | --- |
| **Key** | **Description** |
| Errors | Array of Objects containing message and field as message key and field name key. |

* **500 Internal Server Error**

|  |  |
| --- | --- |
| **Key** | **Description** |
| statusCode | Http status code 500 |
| message | Server message about request |

## **Delete Feature**

**URL:** http://localhost:8080/role/feature/id

**Request Type:** Delete

**Request Content Type:** application/json

**Response Content Type:** application/json

**Remarks:**

1. To delete a feature by ID from feature table. Required authentication token from login API response.

**Request Header:**

|  |  |
| --- | --- |
| **Key** | **Description** |
| Content-Type | application/json |

**Request Parameter:**

|  |  |
| --- | --- |
| **Key** | **Description** |
| id (Mandatory) | Integer type |

**Response Header:**

|  |  |
| --- | --- |
| **Key** | **Description** |
| Content-Type | application/json |

**Response Body:**

* **200 Created**

|  |  |
| --- | --- |
| **Key** | **Description** |
| message | Feature Deleted Successfully |
| id | Id of the Deleted feature |

* **400 Bad Request**

|  |  |
| --- | --- |
| **Key** | **Description** |
| Error messgae | Feature not found. |

* **500 Internal Server Error**

|  |  |
| --- | --- |
| **Key** | **Description** |
| statusCode | Http status code 500 |
| message | Server message about request |

## **Get Feature**

**URL:** http://localhost:8080/role/feature

**Request Type:** GET

**Request Content Type:** application/json

**Response Content Type:** application/json

**Remarks:**

1. To get features by pagination. Required authentication token from login API response.

**Request Header:**

|  |  |
| --- | --- |
| **Key** | **Description** |
| Content-Type | application/json |

**Request Parameter:**

|  |  |
| --- | --- |
| **Key** | **Description** |
| Page (Optional) | Integer type |
| Limit (Optional) | Integer type |
| featureName (Optional) | String type |
| featureNameBan (Optional) | String type |
| featureCode (Optional) | String type |
| url (Optional) | String type |
| type (Optional) | String type |
| position (Optional) | String type |
| iconId (Optional) | String type |
| parentId (Optional) | Feature ID |
| isActive (Optional) | String type |
| createdBy (Optional) | String type |
| updatedBy (Optional) | String type |

**Response Header:**

|  |  |
| --- | --- |
| **Key** | **Description** |
| Content-Type | application/json |

**Response Body:**

* **200 Created**

|  |  |
| --- | --- |
| **Key** | **Description** |
| message | Request Successful |
| pages | Page count |
| nextPage | Number of next page |
| previousPage | Number of previous page |
| hasNextPage | True/false |
| hasPreviousPage | True/false |
| skip | limit |
| pageValid | True/false |
| total | Number of total data |
| limit | Data per page |
| currentPage | Number of current page |
| data | Array of requested data from Database |

* **400 Bad Request**

|  |  |
| --- | --- |
| **Key** | **Description** |
| messgae | Invalid Request |

* **500 Internal Server Error**

|  |  |
| --- | --- |
| **Key** | **Description** |
| statusCode | Http status code 500 |
| message | Server message about request |