## Login a user

Authenticate user credentials and return a signed JWT

|  |  |
| --- | --- |
| **Path** | /login |
| **Method** | **POST** |

### Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Name** | **Description** | **Schema/Value** |
| HEADERS | Content-Type | Content Type of Request | application/json |
| BODY | request | Login payload | [LoginRequest](#_LoginRequest) [object] |

### Response

Content-Type: application/json

|  |  |  |
| --- | --- | --- |
| **HTTP Code** | **Description** | **Schema** |
| **200** | **JWT token** | **No Content** |
| 400 | Invalid JSON format | No Content |
| 401 | Unauthorized: invalid credentials | No Content |
| 500 | Server error during token generation | No Content |

### Sample Request [body]

{  
 "username": "user\_test",  
 "password": "user\_pass"  
}

## Register a new user

Create a new user account with username, password, and role

|  |  |
| --- | --- |
| **Path** | /users |
| **Method** | **POST** |

### Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Name** | **Description** | **Schema/Value** |
| HEADERS | Content-Type | Content Type of Request | application/json |
| BODY | request | Registration payload | [RegisterRequest](#_RegisterRequest) [object] |

### Response

Content-Type: application/json

|  |  |  |
| --- | --- | --- |
| **HTTP Code** | **Description** | **Schema** |
| **200** | **User registered successfully** | **No Content** |
| 400 | Invalid input or missing fields | No Content |
| 500 | Server error during registration | No Content |

### Sample Request [body]

{  
 "username": "new\_user",  
 "password": "user\_pass",  
 "role": "demo"  
}

## Delete a user

Delete an existing user account (admin only)

|  |  |
| --- | --- |
| **Path** | /users/{username} |
| **Method** | **DELETE** |

### Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Name** | **Description** | **Schema/Value** |
| PATH | username | Username to delete | string |

### Response

Content-Type: application/json

|  |  |  |
| --- | --- | --- |
| **HTTP Code** | **Description** | **Schema** |
| **200** | **User deleted successfully** | **No Content** |
| 400 | Username is required | No Content |
| 404 | User not found | No Content |
| 500 | Could not delete user | No Content |

## Update user role

Update the role of an existing user (admin only)

|  |  |
| --- | --- |
| **Path** | /users/{username}/role |
| **Method** | **PUT** |

### Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Name** | **Description** | **Schema/Value** |
| HEADERS | Content-Type | Content Type of Request | application/json |
| PATH | username | Username to update | string |
| BODY | request | Role update payload | [RoleUpdateRequest](#_RoleUpdateRequest) [object] |

### Response

Content-Type: application/json

|  |  |  |
| --- | --- | --- |
| **HTTP Code** | **Description** | **Schema** |
| **200** | **User role updated successfully** | **No Content** |
| 400 | Invalid input or missing fields | No Content |
| 404 | User not found | No Content |
| 500 | Failed to update user role | No Content |

### Sample Request [body]

{  
 "role": "new\_role"  
}

## Create a new role

Allows an admin to create a new role by specifying name and description.

|  |  |
| --- | --- |
| **Path** | /roles |
| **Method** | **POST** |

### Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Name** | **Description** | **Schema/Value** |
| HEADERS | Content-Type | Content Type of Request | application/json |
| BODY | role | Role details | [RoleRequest](#_RoleRequest) [object] |

### Response

Content-Type: application/json

|  |  |  |
| --- | --- | --- |
| **HTTP Code** | **Description** | **Schema** |
| **200** | **OK** | [**RoleSuccessResponse**](#_RoleSuccessResponse) **[object]** |
| 400 | Bad Request | [RoleErrorResponse](#_RoleErrorResponse) [object] |
| 500 | Internal Server Error | [RoleErrorResponse](#_RoleRequest) [object] |

### Sample Request [body]

{  
 "name": "guest"  
 "description": "Guest role"  
}

### Sample Response [body]

HTTP Code: 200

{  
 "message": "",  
 "role": {  
 "name": "guest",  
 "description": "Guest role",  
 "id": 10  
 }  
}

HTTP Code: 400

{

"error": "3",  
 "details": "already exist"  
}

HTTP Code: 500

{  
 "error": "5",  
 "details": "database is not connected"  
}

## List all roles

Returns a list of all roles defined in the system.

|  |  |
| --- | --- |
| **Path** | /roles |
| **Method** | **GET** |

### Response

Content-Type: application/json

|  |  |  |
| --- | --- | --- |
| **HTTP Code** | **Description** | **Schema** |
| **200** | **OK** | [**RolesListResponse**](#_RolesListResponse) **[object]** |
| 500 | Internal Server Error | [RoleErrorResponse](#_RoleRequest) [object] |

### Sample Response [body]

HTTP Code: 200

{  
 "roles": [  
 {  
 "name": "guest",  
 "description": "Guest role",  
 "id": 10  
 }  
 ]  
}

HTTP Code: 500

{  
 "error": "5",  
 "details": "database is not connected",  
  
}

## Create Custom Endpoint

Create Custom Endpoint to redirect its requests to another endpoints

|  |  |
| --- | --- |
| **Path** | /admin/customendpoints |
| **Method** | **POST** |

### Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Name** | **Description** | **Schema/Value** |
| HEADERS | Content-Type | Content Type of Request | application/json |
| BODY | request | CustomEndpoint payload | [CustomEndpoint](#_CustomEndpoint) [object] |

### Response

Content-Type: application/json

|  |  |  |
| --- | --- | --- |
| **HTTP Code** | **Description** | **Schema** |
| **200** | **JWT token** | **No Content** |
| 400 | Invalid JSON format | No Content |
| 401 | Unauthorized: invalid credentials | No Content |
| 500 | Server error during token generation | No Content |

### Sample Request [body]

{  
 "path": "/sms"  
 "method": "any",  
 "need\_accounting": false,  
"endpoints": ["http://127.0.0.1:8081",   
 "http://127.0.0.1:8082"]  
}

## Models

### LoginRequest

string **username**  
string **password**

### RegisterRequest

string **username**string **password**  
string **role**

### RoleUpdateRequest

string **role**

### RoleRequest

string **name**  
string **description**

### Role

string **name**  
string **description**  
integer **id**

### RolesListResponse

Role **roles**

### RoleSuccessResponse

string **message**  
Role **role**

### RoleErrorResponse

string **error**string **details**

### UserRolePair

string **username**  
string **role**

### CustomEndpoint

string **path**  
string **endpoints**  
string **method**  
boolean **needAccounting**