

GetAllRole

Overview

This API allows users with the right ("View role") to retrieve a complete list of all roles in the system.

Importantly, this API not only returns basic information about the role (name, code), but also returns a detailed list of the Privileges assigned to each role.

API Specification

API	URL
GET	/api/role/all
Permission	[AuthorizeByPrivilege("View role")]

Request sample

There are no Request Body, Query Parameters, or Path Parameters. The client just sends a GET request to the URL.

Response sample

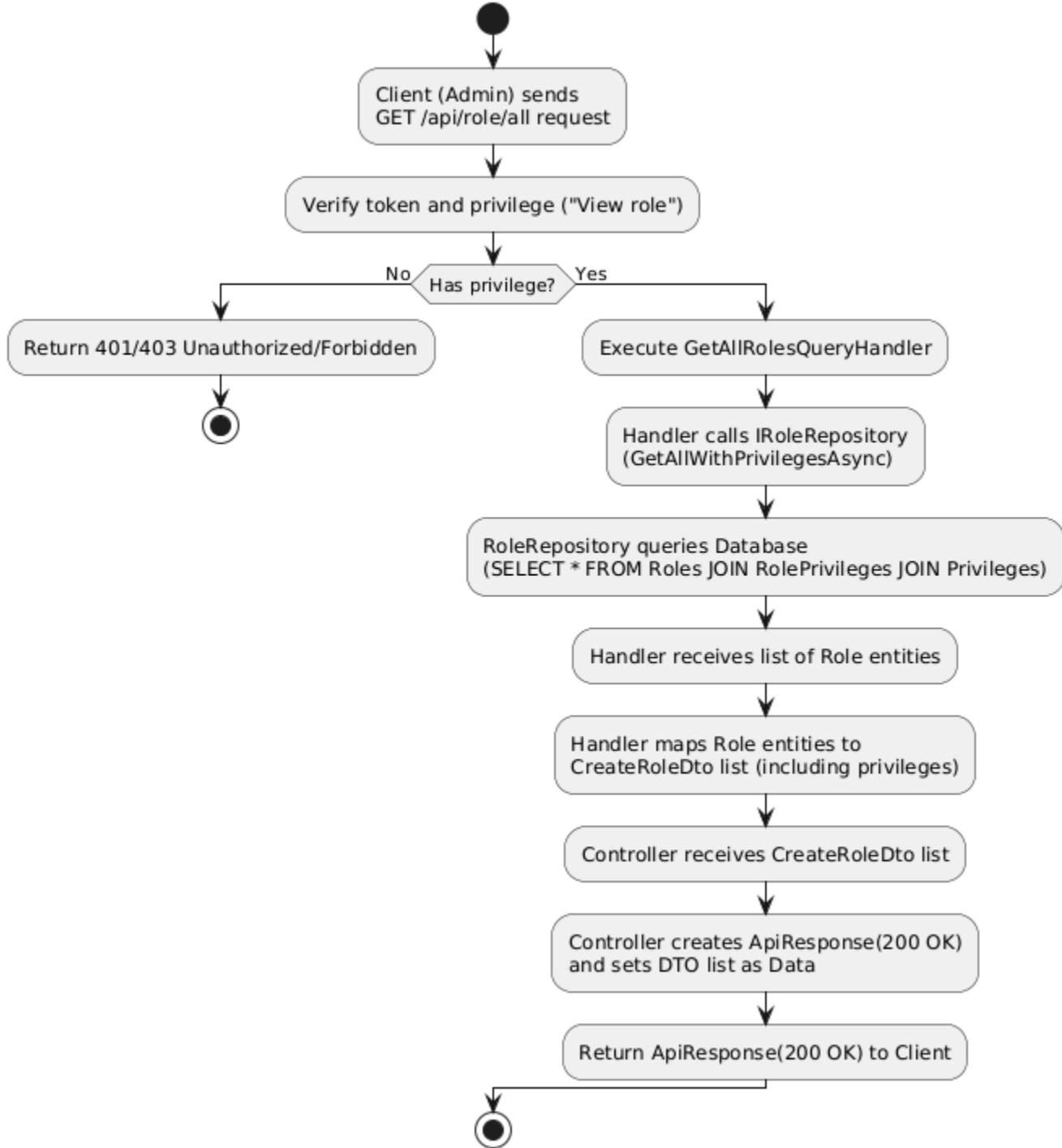
```
{  
  "statusCode": 200,  
  "message": "Roles retrieved successfully.",  
  "data": [  
    {
```

```
"roleName": "Quản trị viên",
"roleCode": "ADMIN",
"roleDescription": "Vai trò quản trị hệ thống.",
"privileges": [
  {
    "privilegeId": 1,
    "privilegeName": "View role",
    "description": "..."
  },
  {
    "privilegeId": 2,
    "privilegeName": "Create role",
    "description": "..."
  }
],
},
{
  "roleName": "Kỹ thuật viên Lab",
  "roleCode": "LAB_TECH",
  "roleDescription": "Vai trò dành cho kỹ thuật viên.",
  "privileges": [
    {
      "privilegeId": 5,
      "privilegeName": "Manage Sample",
      "description": "..."
    }
  ]
},
],
"respondedAt": "2025-10-29T12:00:00.123Z"
}
```

Validation

Status code	Description
401	Unauthorized. User is not logged in.
403	Forbidden. The user is logged in but does not have the "View role" permission.

Activity Diagram



Sequence Diagram

