

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

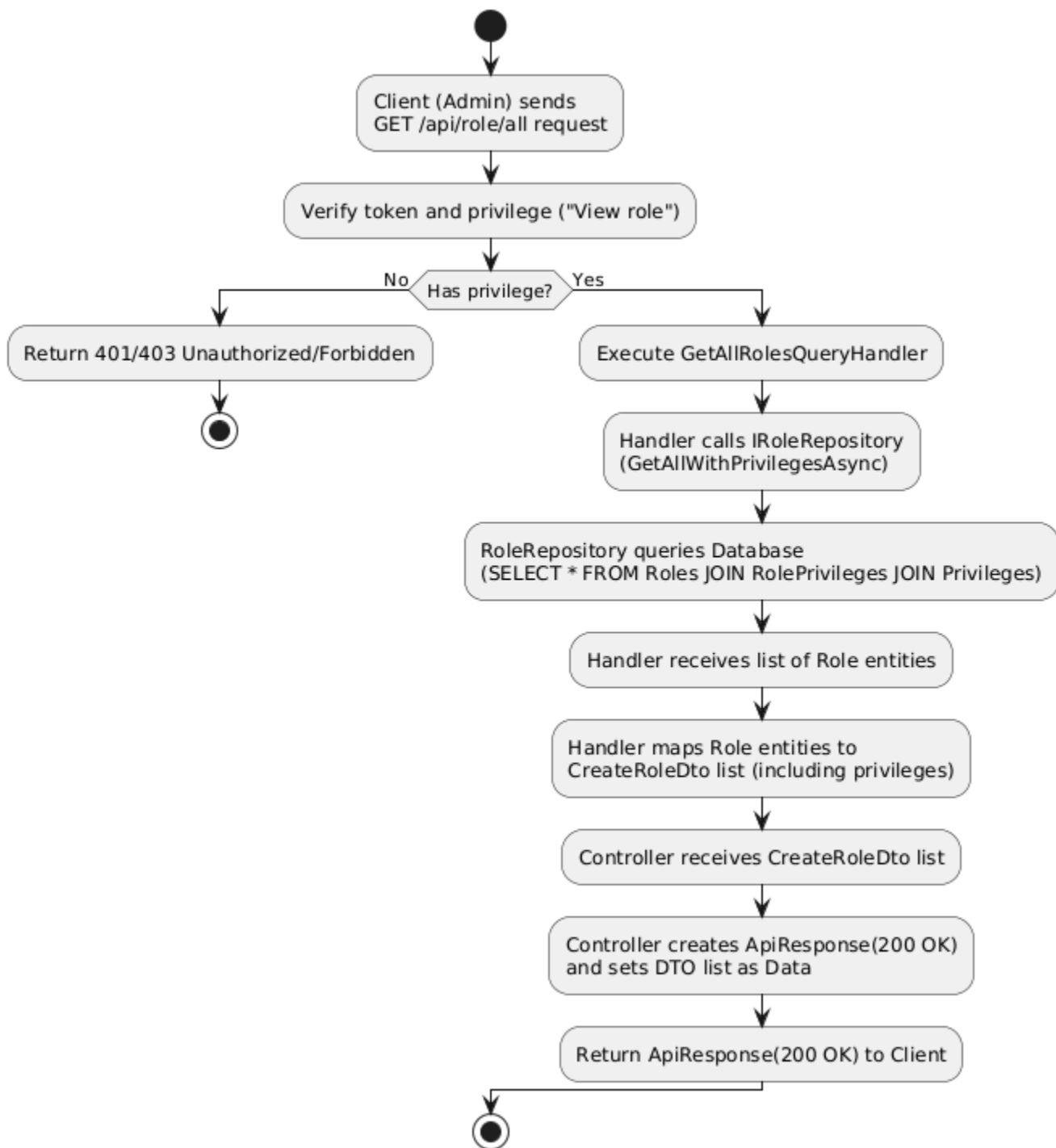
```
{
  "statusCode": 200,
  "message": "Roles retrieved successfully.",
  "data": [
    {
```

```
"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

GET /api/role/all

