



# API Documentation

## General Information

- **Title:** OpenAPI Definition
  - **Version:** v0
  - **Base URL:** `http://localhost:9001`
  - **Specification:** OpenAPI 3.0
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## Endpoints



### User Controller

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#### POST `/users/signUp`

**Description:**

Sign up a new user.

**Request Body:**

`SignUpRequestDTO`

**Response:**

- `200 OK` – Returns `UserDTO` object.
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#### POST `/users/resetPassword`

**Description:**

Reset user password.

**Request Body:**

`ResetPasswordDTO`

**Response:**

- `200 OK` – Returns `UserDTO` object.
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## PATCH `/users/updateUser/{id}`

### Description:

Update user details by ID.

### Path Parameters:

- `id` (integer, required) – User ID

### Request Body:

Partial object containing user fields to update.

### Response:

- `200 OK` – Returns updated `UserDTO` object.
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## PATCH `/users/removeRole/{id}`

### Description:

Remove a role from a user.

### Path Parameters:

- `id` (integer, required) – User ID

### Query Parameters:

- `roleName` (string, required) – Role to remove (ADMIN, USER, SUPER\_ADMIN)

### Response:

- `200 OK` – Returns updated `UserDTO` object.
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## PATCH `/users/addRole/{id}`

### Description:

Add a role to a user.

### Path Parameters:

- `id` (integer, required) – User ID

### Query Parameters:

- `roleName` (string, required) – Role to add (ADMIN, USER, SUPER\_ADMIN)

**Response:**

- 200 OK – Returns updated `UserDTO` object.
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## GET `/users/getUser/{email}`

**Description:**

Retrieve user details by email.

**Path Parameters:**

- `email` (string, required) – User email

**Response:**

- 200 OK – Returns `UserDTO` object.
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## GET `/users/getResetPasswordQuestion/{email}`

**Description:**

Retrieve the reset password question for a user.

**Path Parameters:**

- `email` (string, required) – User email

**Response:**

- 200 OK – Returns object containing reset password question.
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## DELETE `/users/deleteUser/{email}`

**Description:**

Delete a user by email.

**Path Parameters:**

- `email` (string, required) – User email

**Response:**

- 200 OK
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## SignUpRequestDTO

Field	Type	Description
name	string	Full name
email	string	Email address
password	string	User password
street	string	Street address
city	string	City
state	string	State
zipcode	string	ZIP code
country	string	Country
roles	string[]	Roles (ADMIN, USER, SUPER_ADMIN)
resetPasswordQuestion	string	Security question
resetPasswordAnswer	string	Security answer

## UserDTO

Field	Type	Description
id	integer	Unique user ID
name	string	Full name
email	string	Email address
address	string	Full address string
roles	string[]	Roles (ADMIN, USER, SUPER_ADMIN)

## ResetPasswordDTO

Field	Type	Description
email	string	User email
resetPasswordQuestion	string	Security question

resetPasswordAnswer	string	Security answer
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newPassword	string	New password
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## Conclusion

This documentation outlines all available endpoints, request/response structures, and schema definitions for the current version ([v0](#)) of the API. Designed with OpenAPI 3.0 compliance in mind, this guide enables easy integration and reference for client-side and backend development.