**ReNote Login System API Documentation**

**Overview**

The ReNote Login System provides a secure and efficient way for users to manage their accounts, including operations like signing in, signing up, password recovery, and image uploading.

**Base URL**

**All URLs referenced in the documentation have the base path http://127.0.0.1:5000/**

**Authentication**

Each request must include the Application and Clientid headers to authenticate the client application.

Content-Type for requests should be set to application/json where necessary.

**API Endpoints**

**1. Login**

Endpoint: /users/signIn

Method: POST

**Headers:**

* Application: Renote
* Clientid: necun
* Content-Type: application/json

**Body**

{

"username": "your\_username",

"password": "your\_password"

}

**Success :**

{

"details": {

"token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VybmFtZSI6ImdvcGluYXRoIiwiZW1haWwiOiJnb3BpbmF0aC5pb3MuZGV2QGdtYWlsLmNvbSIsIkFwcGxpY2F0aW9uIjoicmVub3RlIiwiQ2xpZW50aWQiOiJuZWN1biIsImV4cCI6MTcwOTM5MjA4OX0.idpYSflsVqxPcJkW3ZT78lXP3nQTk0V\_fPUKRzCf-Mk"

},

"message": "Login successful",

"messageKey": "login-success",

"status": 200,

"timestamp": "2024-03-02 14:38:09 +0000"

}

**Error :**

{

"error": {

"code": 400201,

"details": "The username or password provided is incorrect. Please try again.",

"instance": "/v1/auth/",

"message": "Invalid username or password",

"messageKey": "login-invalid-credentials",

"status": "400",

"timeStamp": "2024-03-02 14:40:48 +0000",

"type": "LoginException"

}

}

**Success Response Code:** 200200

**Error Codes:**

* "Invalid username or password" : 400201,
* "Username is missing":400202,
* "Password is missing" : 400203,
* "User not found" : 400204,
* "Email already exists":400205,
* 'Database connection error ': 500200,
* 'Data Integrity Violation' : 500201,
* 'Resource Exhaustion' : 500202,

**2. Sign Up**

Endpoint: /users/signup

Method: POST

Headers:

* Application: renote
* Clientid: necun
* Content-Type: application/json

**Body :**

{

"fullname": "Full Name",

"username": "your\_username",

"password": "your\_password",

"email": "your\_email@example.com",

"phone\_number": "your\_phone\_number"

}

**Success:**

{

"status": "201",

"message": "User created successfully",

"messageKey": "user-created-successfully-txt",

"timeStamp": "2024-03-02 13:51:10 +0000"

}

**Error:**

{

"error": {

"code": 409100,

"details": "The username provided is already taken by another user.",

"instance": "/v1/auth/signup",

"message": "Username already exists",

"messageKey": "signup-username-exists-txt",

"status": "409",

"timeStamp": "2024-03-02 13:53:16 +0000",

"type": "SignupException"

}

}

**Error Codes:**

* "Invalid phone number" : 400100,
* "Invalid Email format" : 400101,
* "Missing fields" : 400102,
* "Username already exists" : 409100,
* "Email already exists" : 409101,
* "Phone Number already exists" : 409102,
* "Duplicate entry for unique field":409103,
* 'Missing fields':400103,
* 'Headers Invalid':409104,
* "Required headers not found":400105,
* 'Full Name must contain only Alphabets':400106,
* 'password must contain greater than 7 letters': 400107,
* 'Database connection error ': 500100,
* 'Data Integrity Violation' : 500101,
* 'Resource Exhaustion' : 500102,

**3. Forgot Password**

Endpoint: /users/forgotPassword

Method: POST

Headers:

* Applicationid: Renote
* Clientid: Necun
* Content-Type: application/json

**Body:**

{

"email": "your\_email@example.com"

}

**Success:**

{

"details": {

"reset\_token": "2aa030fb2ca5043976e3fa24b86c7e02"

},

"message": "Password reset link has been sent to your mail",

"messageKey": "user-resetlink-sent",

"status": "200",

"timeStamp": "2024-03-02 15:01:06 +0000"

}

**Fail**:

{

"error": {

"code": 400302,

"details": "The email address provided is not valid. Please provide a valid email address.",

"instance": "/v1/",

"message": "Email invalid",

"messageKey": "email-invalid",

"status": "400",

"timeStamp": "2024-03-02 14:57:11 +0000",

"type": "ValidationException"

}

}

**Success code:** 200405

**Error Codes:**

* "Invalid Email format" : 400301,
* "Invalid Email" : 400302,
* "Email missing" : 400303,
* 'Email is required' : 400304,
* 'Database connection error ': 500300,
* 'Data Integrity Violation' : 500301,
* 'Resource Exhaustion' : 500302,

**4. Reset Password <Internal Only>**

**Description: <text-here>**

Endpoint: /users/signin/resetPassword/{token}

Method: GET

Headers:

* Applicationid: Renote
* Clientid: Necun
* Body: Not required in the example provided.

**cURL**

curl --location '127.0.0.1:5000/reset\_password/207dfccb3a463573b2f4b60b36dc10b6' \

--header 'Applicationid: Renote' \

--header 'Clientid: Necun' \

--data ''

**Success code:** 200400

Will Return reset password form

Error Codes:

* "Missing or Invalid Password" : 400401,
* "Invalid or expired token" : 400402,
* "Passwords did not match" : 400403,
* 'Email is required' : 401404,
* "password reset link has been sent to your mail": 200405,
* 'Database connection error ': 500400,
* 'Data Integrity Violation' : 500401,
* 'Resource Exhaustion' : 500402,