

Group 1 – User Authentication and Authorization | Project Documentation

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User Authentication and Authorization:

This component manages the secure registration, login, and access control for users. It ensures that only authorized users can access specific parts of the system, such as product management or the checkout process.

1. User Registration

User Authentication API Endpoints

POST Register

http://127.0.0.1/user-auth/CE1-Ecommerce/api.php/register

This API allows new user creates an account by providing necessary details, such as an email, password and other important information.

HEADERS

Content-Type application/json

Body raw (json)

```
json

{
  "first_name": "Dimples",
  "last_name": "Tinto",
  "email": "dimples.tinto@gmail.com",
  "password": "@_@password123456789",
  "confirm_password": "@_@password123456789",
  "date_of_birth": "2002-04-24"
}
```

Example Response

json

```
{
  "message": "User registered successfully. Verification email sent.",
  "user": {
    "id": "1e03f14be00f1214914f40c23375e151",
    "name": "Dimples Tinto",
    "email": "dimples.tinto@gmail.com",
    "role": "customer"
  }
}
```

2. User Login

POST Login

<http://127.0.0.1/user-auth/CE1-Ecommerce/api.php/login>

This API allows an existing user to access their account by entering their credentials (email and password). A successful login will generate a token for a secure access.

HEADERS

Content-Type

```
application/json
```

Body raw (json)

json

```
{
  "email": "dimples.tinto@gmail.com",
  "password": "@_@password123456789"
}
```

4. Password Reset Request

POST Password Reset Request

http://127.0.0.1/user-auth/CE1-Ecommerce/api.php/password/reset/request

When a user has forgotten their password, this API endpoint will allow user to request a password reset via email link sent to a registered email.

Body raw (json)

json

```
{
  "email": "dimples.tinto@gmail.com"
}
```

Example Response

json

```
{
  "message": "Password reset link sent to email"
}
```

5. Password Reset

POST Password Reset

http://127.0.0.1/user-auth/CE1-Ecommerce/api.php/password/reset

Body raw (json)

json

```
{
  "token": "1b8e3d57e84b0495079e6bdc705a3f18",
  "password": "@newpassword12",
  "confirm_password": "@newpassword12"
}
```

Example Response

json

```
{
  "message": "Password has been reset successfully"
}
```

6. Change Password

POSTChange Password

🔒

http://127.0.0.1/user-auth/CE1-Ecommerce/api.php/password/change

This API endpoint allows logged-in users to update their password by providing the current and new password.

AUTHORIZATION Bearer Token

Token<token>

Body raw (json)

```
json

{
  "current_password": "@newpassword12",
  "new_password": "@password12345678"
}
```

Example Response

BodyHeaders (10)200 OK

```
json

{
  "message": "Password updated successfully"
}
```

User Authorization API Endpoints

1. Get User Profile

GETUser Profile

🔒

http://127.0.0.1/user-auth/CE1-Ecommerce/api.php/user/profile

This API retrieves the profile information of a specific user. It requires the user's authentication token to access personal details.

AUTHORIZATION Bearer Token

Token<token>

Example Response

Body

Headers (10)

200 OK

json

```
{
  "id": "2ca196615ed8662bf0e296357f2d7d43",
  "name": "Dimples Tinto",
  "email": "dimples.tinto@gmail.com",
  "role": "customer"
}
```

2. Assign Role to User

POST Assign Role to User



http://127.0.0.1/user-auth/CE1-Ecommerce/api.php/role/assign

This API assigns a specified role to a user by their unique user ID (uuid). It enables administrators to modify a user's permissions and access level within the system.

AUTHORIZATION Bearer Token

Token

<token>

Body raw (json)

json

```
{
  "user_id": "2ca196615ed8662bf0e296357f2d7d43",
  "role": "admin"
}
```

Example Response

Body

Headers (10)

200 OK

json

```
{
  "message": "Role assigned successfully"
}
```

3. Revoke Role from User

POST Revoke Role from User

🔒

http://127.0.0.1/user-auth/CE1-Ecommerce/api.php/role/revoke

This API removes a specified role from a user by their unique user ID(uuid). It allows administrators to adjust a user's permissions and revoke specific access rights.

AUTHORIZATION Bearer Token

Token <token>

Body raw (json)

json

```
{
  "user_id": "2ca196615ed8662bf0e296357f2d7d43"
}
```

↻ 📄

Example Response

Body Headers (10) 200 OK

json

```
{
  "success": true,
  "message": "User role revoked successfully."
}
```

↻ 📄

4. List User Roles

GET List User Roles

🔒

http://127.0.0.1/user-auth/CE1-Ecommerce/api.php/roles/dd3b33b980f46bf7fda51c34616ca473

This API fetches the role of a specific user within the system, providing an overview of possible permissions and access levels.

AUTHORIZATION Bearer Token

Token <token>

Example Response

Body

Headers (10)

200 OK

json

```
{
  "user_id": "dd3b33b980f46bf7fda51c34616ca473",
  "role": "customer"
}
```

5. List All User

GET List All User

http://127.0.0.1/user-auth/CE1-Ecommerce/api.php/all/users

This API will lists all users registered in the system. It provides an overview of users and their associated roles and statuses.

AUTHORIZATION Bearer Token

Token <token>

Example Response

json

```
{
  "user_id": "1e03f14be00f1214914f40c23375e151",
  "first_name": "Dimples",
  "last_name": "Tinto",
  "email": "dimples.tinto@gmail.com",
  "role": "customer"
},
{
  "user_id": "21974d810200074d855b47fea0ce5bf4",
  "first_name": "April Joy",
  "last_name": "Tambong",
  "email": "dimtinto@gmail.com",
  "role": "customer"
},
{
  "user_id": "dd3b33b980f46bf7fda51c34616ca473",
  "first_name": "James",
  "last_name": "Tambong",
  "email": "james.tambong55@gmail.com",
  "role": "customer"
}
```

User Profile Management

1. Profile Update

POST Profile Update



http://127.0.0.1/user-auth/CE1-Ecommerce/api.php/profile/update

This API allows users to update their profile information by providing necessary details such as first name, last name, and date of birth.

AUTHORIZATION Bearer Token

Token <token>

HEADERS

Content-Type application/json

Body raw (json)

json

```
{
  "first_name": "James",
  "last_name": "Tambong",
  "date_of_birth": "2001-01-24"
}
```

Example Response

Body

Headers (10)

200 OK

json

```
{
  "message": "Profile updated successfully"
}
```


2. Profile Photo Upload

POST Profile Photo Upload

http://127.0.0.1/user-auth/CE1-Ecommerce/api.php/profile/photo/upload

This API enables users to upload a new profile photo. The user can select an image file, and the API will store it as their profile picture.

Body formdata

Profile Photo Upload

curl

```
curl --location 'http://127.0.0.1/user-auth/CE1-Ecommerce/api.php/profile/photo/upload' \
--form 'user_id="dd3b33b980f46bf7fda51c34616ca473"' \
--form 'profile_picture=@"/C:/Users/Dimples Tinto/Downloads/meow.jpg"'
```

Example Response

Body

Headers (10)

200 OK

json

```
{
  "status": "success",
  "message": "Profile picture uploaded successfully",
  "image_url": "/uploads/671cbd92df6f9_meow.jpg"
}
```

3. Add Address

POST Add Address

http://127.0.0.1/user-auth/CE1-Ecommerce/api.php/address

This API lets users add a new address to their profile by submitting details such as unit number, street address, city, and other important details.

AUTHORIZATION Bearer Token

Token <token>

HEADERS

Accept application/json

Body raw (json)

json

```
{
  "user_id": "dd3b33b980f46bf7fda51c34616ca473",
  "unit_number": "8080",
  "street_address": "P-2A Baan Riverside",
  "city": "Butuan City",
  "region": "XII",
  "postal_code": "8600"
}
```

Example Response

Body

Headers (10)

200 OK

json

```
{
  "status": "success",
  "message": "Address added successfully"
}
```

4. Update Address

POST

Update Address

http://127.0.0.1/user-auth/CE1-Ecommerce/api.php/update/address

This API allows users to update an existing address by modifying details like street, city, or postal code.

AUTHORIZATION

Bearer Token

Token

<token>

HEADERS

Accept

application/json

Body

raw (json)

json

```
{
  "address_id": "19",
  "user_id": "dd3b33b980f46bf7fda51c34616ca473",
  "unit_number": "1234",
  "street_address": "P-4 Lower Banza",
  "city": "Butuan City",
  "region": "XIII",
  "postal_code": "8600"
}
```

Example Response

Body Headers (10)

200 OK

json

```
{
  "message": "Address updated successfully"
}
```

5. Delete Address

DELETE Delete Address



http://127.0.0.1/user-auth/CE1-Ecommerce/api.php/delete/address

This API enables users to delete an address from their profile by specifying the address ID.

AUTHORIZATION Bearer Token

Token <token>

HEADERS

Accept application/json

Body raw (json)

json

```
{
  "user_id": "dd3b33b980f46bf7fda51c34616ca473",
  "address_id": 19
}
```

Example Response

Body Headers (10)

200 OK

json

```
{
  "message": "Address deleted successfully"
}
```