

POST shopleen/profile

Exception

```
{
  "message": "Wrong URL Address"
}

{
  "message": "Please input the correct activity"
}
```

1. Registration

Request

```
{
  "activity" : "register",
  "user" : {
    "email" : "somebody1@gmail.com",
    "user_pwd" : "@G2academy",
    "full_name" : "Some Body",
    "sex" : "female",
    "birth_date" : "1990-01-01",
    "phone_number" : "089911223355"
  }
}
```

Response

```
{
  "message": "Registration Success! Please Login and confirm your account. "
}
```

Exception

```
{
  "message": "Email already registered, please use different email. "
}

{
  "message": "Phone number already registered, please use different phone number. "
}

{
  "message": "Invalid email format. "
}
```

```
}  
  
{  
  "message": "Invalid password format (Please use 1 Capital  
Letter, 1 Special Char, minimum 8 char) "  
}
```

2. Login

Request

```
{  
  "activity" : "login",  
  "email" : "somebody1@gmail.com",  
  "password" : "@G2academy"  
}
```

Response

```
{  
  "message": "Login: Success"  
}
```

Exception

```
{  
  "message": "Login: Failed - User with email somebody11@gmail.com  
not found"  
}
```

```
{  
  "message": "Login: Failed - Wrong Password"  
}
```

3. Logout

Request

```
{  
  "activity" : "logout",  
  "email" : "somebody1@gmail.com"  
}
```

Response

```
{  
  "message": "Logout: Success"  
}
```

Exception

```
{
  "message": "Logout: Failed - User with email somebody21@gmail.com
not found."
}
```

4. Confirm Account

Request

```
{
  "activity" : "confirm_account",
  "email" : "somebody1@gmail.com"
}
```

Response

```
{
  "message": "User account confirmed! Happy Shopping at
Shopleen!!"
}
```

Exception

```
{
  "message": "User not logged in. Please Login first. "
}

{
  "message": "User not found. "
}
```

5. See Profile

Request

```
{
  "activity" : "see_profile",
  "email" : "somebody1@gmail.com"
}
```

Response

```
{
  "email": "somebody1@gmail.com",
  "user_pwd": "@G2academy",
  "full_name": "Some Body",
  "sex": "female",
  "phone_number": "089911223355",
  "birth_Date": "1990-01-01"
}
```

Exception

```
{
  "message": "User not found. "
}

{
  "message": "User not logged in. Please Login first. "
}

{
  "message": "User is banned. No Profile to be shown. "
}
```

6. Edit Password

Request

```
{
  "activity" : "edit_password",
  "email" : "somebody1@gmail.com",
  "user" : {
    "user_pwd" : "@G22academy"
  }
}
```

Response

```
{
  "message": "Update Password: Success"
}

{
  "message": "User is banned. No Profile to be shown. "
}

{
  "message": "User not logged in. Please Login first. "
}

{
  "message": "User not found. "
}
```

POST shopleen/address

Exception

```
{
  "message": "Wrong URL Address"
}

{
  "message": "Please input the correct activity"
}
```

1. Input Address

Request

```
{
  "activity" : "input_address",
  "email" : "somebody1@gmail.com",
  "address" : {
    "address_name" : "Rumahku",
    "receiver_name" : "Some",
    "phone_number" : "08991117799",
    "address" : "Some House",
    "province" : "banten",
    "zipcode" : 15110
  }
}
```

Response

```
{
  "message": "Input new address success!"
}
```

Exception

```
{
  "message": "Address with this name already exists, please use
different name. "
}

{
  "message": "User is banned. No Profile to be shown. "
}

{
  "message": "User not logged in. Please Login first. "
}

{
  "message": "User not found. "
```

```
}
```

2. Edit Address

Request

```
{
  "activity" : "edit_address",
  "email" : "somebody1@gmail.com",
  "address" : {
    "id_address" : 6,
    "address_name" : "Rumah Ibu",
    "receiver_name" : "Shirleenaaa",
    "phone_number" : "08991117799",
    "address" : "Apartemen Calliaa",
    "province" : "jakarta",
    "zipcode" : 13210
  }
}
```

Response

```
{
  "message": "Edit address success!"
}
```

Exception

```
{
  "message": "The address not found on this account"
}

{
  "message": "User is banned. No Profile to be shown. "
}

{
  "message": "User not logged in. Please Login first. "
}

{
  "message": "User not found. "
```

3. Delete Address

Request

```
{
  "activity" : "delete_address",
  "email" : "somebody1@gmail.com",
  "address" : {
    "id_address" : 8
  }
}
```

```
}
```

Response

```
{
  "message": "Delete address success!"
}
```

Exception

```
{
  "message": "The address not found on this account"
}

{
  "message": "User is banned. No Profile to be shown. "
}

{
  "message": "User not logged in. Please Login first. "
}

{
  "message": "User not found. "
}
```

4. Show All Address

Request

```
{
  "activity" : "show_all_address",
  "email" : "somebody1@gmail.com"
}
```

Response

(up to the amount of Address the user has)

```
{
  "message": "This account has no address yet"
}
```

if user has any address:

```
[
  {
    "address_name": "Rumah Ibu",
    "receiver_name": "Shirleenaaa",
    "phone_number": "08991117799",
    "address": "Apartemen Calliaa",
    "province": "jakarta",
    "zipcode": 13210,
    "id_address": 6
  }
]
```

```
    },  
    {  
      "address_name": "Rumah Bapake",  
      "receiver_name": "Shirleen",  
      "phone_number": "08991117799",  
      "address": "Jalan Medan Merdeka",  
      "province": "banten",  
      "zipcode": 12345,  
      "id_address": 7  
    }  
  ]  
}
```

Exception

```
{  
  "message": "User is banned. No Profile to be shown. "  
}  
  
{  
  "message": "User not logged in. Please Login first. "  
}  
  
{  
  "message": "User not found. "  
}
```


POST shopleen/cart

Exception

```
{
  "message": "Wrong URL Address"
}

{
  "message": "Please input the correct activity"
}
```

1. Add To Cart

Request

```
{
  "activity" : "add_to_cart",
  "email" : "somebody1@gmail.com",
  "product_name" : "Tali Jemuran",
  "product_quantity" : 10
}
```

Response

```
{
  "message": "Product added to cart!"
}
```

Exception

```
{
  "message": "Shop is not active. Cannot shop here."
}
{
  "message": "Product does not exist."
}

{
  "message": "Cannot shop from user's own shop!."
}

{
  "message": "User is banned. No Profile to be shown. "
}

{
  "message": "User not logged in. Please Login first. "
}

{
  "message": "User not found. "
```

```
}
```

2. View Cart

Request

```
{
  "activity" : "view_cart",
  "email" : "buyer@gmail.com"
}
```

Response

```
{
  "total_price": 27000.0,
  "total_qty": 7,
  "products_in_cart": [
    {
      "product_desc": "Tali jemuran tahan badaiiii",
      "id_product": 4,
      "id_seller": 1,
      "product_weight": 5.0,
      "product_price": 1000.0,
      "product_name": "Tali Superzzz",
      "product_category": "Alat Rumah Tangga",
      "product_quantity": 1
    },
    {
      "product_desc": "Tali jemuran tahan badaiiii",
      "id_product": 4,
      "id_seller": 1,
      "product_weight": 5.0,
      "product_price": 1000.0,
      "product_name": "Tali Superzzz",
      "product_category": "Alat Rumah Tangga",
      "product_quantity": 1
    },
    {
      "product_desc": "Anti putus putus club",
      "id_product": 5,
      "id_seller": 1,
      "product_weight": 10.0,
      "product_price": 5000.0,
      "product_name": "Tali Jemuran",
      "product_category": "Alat Rumah Tangga",
      "product_quantity": 5
    }
  ]
}
```

```
}  
  
if empty  
{  
    "message": "Cart is empty"  
}
```

Exception

```
{  
    "message": "User is banned. No Profile to be shown. "  
}  
  
{  
    "message": "User not logged in. Please Login first. "  
}  
  
{  
    "message": "User not found. "  
}
```

3. Remove Product From Cart

Request

```
{  
    "activity" : "remove_product_from_cart",  
    "email" : "buyer@gmail.com",  
    "product_name" : "Tali Jemuran"  
}
```

Response

```
{  
    "message": "Product Tali Jemuran has been removed from cart."  
}  
  
if empty  
{  
    "message": "Cart is empty"  
}
```

Exception

```
{  
    "message": "User is banned. No Profile to be shown. "
```

```
}

{
  "message": "User not logged in. Please Login first. "
}

{
  "message": "User not found. "
}
```

4. Empty Cart

Request

```
{
  "activity" : "empty_cart",
  "email" : "buyer@gmail.com"
}
```

Response

```
{
  "message": "Cart has been emptied"
}
```

Exception

```
{
  "message": "Cart is already empty"
}
{
  "message": "User is banned. No Profile to be shown. "
}

{
  "message": "User not logged in. Please Login first. "
}

{
  "message": "User not found. "
}
```

POST shopleen/shop

Exception

```
{
  "message": "Wrong URL Address"
}

{
  "message": "Please input the correct activity"
}
```

1. View Shop as Buyer

Request

```
{
  "activity" : "view_shop",
  "shop_name" : "MyShop"
}
```

Response

```
{
  "shop_name": "MyShop",
  "shop_location": "jakarta",
  "shop_rating": 1,
  "shop_products": 1,
  "shop_open": "2020-07-27"
}
```

Exception

```
{
  "message": "No Shop found with the name MyShopa"
}
```

2. View Shop as Seller

Request

```
{
  "activity" : "view_shop_seller",
  "email" : "shirleen@gmail.com"
}
```

Response

```
{
  "shop_name": "MyShop",
  "shop_location": "jakarta",
  "shop_rating": 1,
}
```

```
"shop_products": 1,  
"shop_open": "2020-07-27",  
"shop_status": true,  
"balance": 29000.0  
}
```

Exception

```
{  
  "message": "User not found. "  
}
```

3. Make A Shop

Request

```
{  
  "activity" : "make_shop",  
  "email" : "somebody1@gmail.com",  
  "shop_name" : "BelanjaTerus",  
  "shop_location" : "jakarta"  
}
```

Response

```
{  
  "message": "Shop BelanjaTerus has been created for user  
somebody1@gmail.com. "  
}
```

Exception

```
{  
  "message": "Shop name already existed, please use different  
name."  
}
```

```
{  
  "message": "Already has a shop, cannot make a new one for  
this user account. "  
}
```

```
{  
  "message": "User is banned. No Profile to be shown. "  
}
```

```
{  
  "message": "User not logged in. Please Login first. "  
}
```

```
{  
  "message": "User not found. "  
}
```

4. Input Product

Request

```
{
  "activity" : "input_product",
  "email" : "somebody1@gmail.com",
  "product" : {
    "product_name" : "Gantungan Baju",
    "product_category" : "Alat Rumah Tangga",
    "product_desc" : "Gantungan Baju Serba Guna",
    "product_quantity" : 100,
    "product_price" : 8000,
    "product_weight" : 90
  }
}
```

Response

```
{
  "message": "Product has been created"
}
```

Exception

```
{
  "message": "Please choose different name for the product."
}

{
  "message": "This account's shop is banned. Cannot input product."
}

{
  "message": "This account has no shop opened yet. "
}

{
  "message": "User is banned. No Profile to be shown. "
}

{
  "message": "User not logged in. Please Login first. "
}

{
  "message": "User not found. "
}
```

5. Edit Product

Request

```
{
  "activity" : "edit_product",
  "email" : "somebody1@gmail.com",
  "product" : {
    "product_name" : "Gantungan Baju",
    "product_category" : "Alat Rumah Tangga",
    "product_desc" : "Gantungan Baju Level 9999",
    "product_quantity" : 100,
    "product_price" : 100000,
    "product_weight" : 500
  }
}
```

Response

```
{
  "message": "Product has been updated"
}
```

Exception

```
{
  "message": "Product does not belong to this account's shop"
}

{
  "message": "This account's shop is banned. Cannot edit product."
}

{
  "message": "This account has no shop opened yet. "
}

{
  "message": "User is banned. No Profile to be shown. "
}

{
  "message": "User not logged in. Please Login first. "
}

{
  "message": "User not found. "
}
```

6. Delete Product

Request


```
{
  "activity" : "delete_product",
  "email" : "somebody1@gmail.com",
  "product" : {
    "product_name" : "Gantungan Baju"
  }
}
```

Response

```
{
  "message": "Product has been deleted"
}
```

Exception

```
{
  "message": "Product does not belong to this account's shop"
}

{
  "message": "This account's shop is banned. Cannot edit product."
}

{
  "message": "This account has no shop opened yet. "
}

{
  "message": "User is banned. No Profile to be shown. "
}

{
  "message": "User not logged in. Please Login first. "
}

{
  "message": "User not found. "
}
```

7. View Product

Request

```
{
  "activity" : "view_product",
  "product_name" : "Tali Jemuran"
}
```

Response

```
{
  "product_name": "Tali Jemuran",
  "product_category": "Alat Rumah Tangga",
  "product_desc": "Anti putus putus club",
  "product_quantity": 100,
  "product_price": 5000.0,
  "product_weight": 10.0
}
```

Exception

```
{
  "message": "Product not found."
}
```

POST shopleen/buy

```
{
  "message": "Wrong URL Address"
}

{
  "message": "Please input the correct activity"
}
```

1. Buy Product

Request

```
{
  "activity" : "buy_product",
  "email" : "buyer@gmail.com",
  "product_name" : "Tali Jemuran",
  "product_quantity" : 25,
  "address_name" : "Rumahku"
}
```

Response

```
{
  "message": "Product waiting for payment. Your trans id is 4.
Please choose Payment method. "
}
```

Exception

```
{
  "message": "Seller's stock not enough"
}
{
  "message": "Address invalid in this account"
}

{
  "message": "Shop is not active. Cannot shop here"
}

{
  "message": "Cannot shop from user's own shop!"
}

{
  "message": "Product does not exist."
}

{
  "message": "User is banned. No Profile to be shown. "
```

```
}

{
  "message": "User not logged in. Please Login first. "
}

{
  "message": "User not found. "
}
```

2. Choose Payment

Request

```
{
  "activity" : "choose_payment_method",
  "email" : "buyer@gmail.com",
  "id_trans" : 4,
  "payment_method" : "bank_transfer"
}

{
  "activity" : "choose_payment_method",
  "email" : "buyer@gmail.com",
  "id_trans" : 4,
  "payment_method" : "bank_va"
}

{
  "activity" : "choose_payment_method",
  "email" : "buyer@gmail.com",
  "id_trans" : 4,
  "payment_method" : "emoney"
}

{
  "activity" : "choose_payment_method",
  "email" : "buyer@gmail.com",
  "id_trans" : 4,
  "payment_method" : "merchant"
}
```

Response

Bank Transfer

```
{
  "message": "Transfer Rp134802.0 to BCA 31900031704 PT
SHOPLEEN CERIA TBK."
```

```
}
```

Bank Virtual Account

```
{  
  "message": "Transfer to your VAnumber: 77990812345678."  
}
```

Emoney Sufficient Balance

```
{  
  "message": "Payment with Emoney Success! Your balance has  
been deducted"  
}
```

Emoney Insufficient Balance

```
{  
  "message": "Insufficient balance in your Emoney account."  
}
```

Merchant

```
{  
  "message": "Pay to Merchant with Transaction id = 4 Rp  
134000.0"  
}
```

Exception

```
{  
  "message": "This user has no Emoney account"  
}
```

```
{  
  "message": "This transaction's status is not for choosing  
payment method"  
}
```

```
{  
  "message": "Cannot change payment method anymore."  
}
```

```
{  
  "message": "Payment method not found."  
}
```

```
{  
  "message": "There is no transaction with that id in this  
account."  
}
```

```
{
```

```
    "message": "User is banned. No Profile to be shown. "
  }
  {
    "message": "User not logged in. Please Login first. "
  }
  {
    "message": "User not found. "
  }
```

POST shopleen/transaction

```
{
  "message": "Wrong URL Address"
}

{
  "message": "Please input the correct activity"
}
```

1. View Transaction by Buyer

Request

```
{
  "activity" : "view_transaction",
  "email" : "buyer@gmail.com",
  "id_trans" : 4
}
```

Response

if Payment has not been done

```
{
  "id_trans": 4,
  "id_user": 2,
  "id_seller": 1,
  "total_weight": 1.0,
  "shipment_fee": 9000.0,
  "total_cost": 134000.0,
  "trans_status": "Awaiting Payment",
  "payment_method": "Merchant",
  "orderTrackingNumber": null,
  "orderRequest": "2020-07-30T17:00:00.000+00:00",
  "orderReceived": null,
  "orderShipped": null,
  "orderArrived": null,
  "orderConfirmed": null
}
```

if Payment has been done

```
{
  "id_trans": 4,
  "id_user": 2,
  "id_seller": 1,
  "total_weight": 1.0,
  "shipment_fee": 9000.0,
  "total_cost": 134000.0,
  "trans_status": "Payment Done",
}
```

```

    "payment_method": "Merchant",
    "orderTrackingNumber": null,
    "orderRequest": "2020-07-30T17:00:00.000+00:00",
    "orderReceived": null,
    "orderShipped": null,
    "orderArrived": null,
    "orderConfirmed": null
}

```

Exception

```

{
    "message": "There is no transaction with that id in this account."
}

{
    "message": "User is banned. No Profile to be shown. "
}

{
    "message": "User not logged in. Please Login first. "
}

{
    "message": "User not found. "
}

```

2. Confirm Order Received By Seller

Request

```

{
    "activity" : "confirm_order_received",
    "email" : "shirleen@gmail.com",
    "id_trans" : 4
}

```

Response

```

{
    "message": "Order has been received in Seller."
}

```

Exception

```

{
    "message": "Payment has not been done by Buyer, cannot accept order"
}

```



```

{
  "message": "There is no transaction with that id in this account."
}

{
  "message": "User is banned. No Profile to be shown. "
}

{
  "message": "User not logged in. Please Login first. "
}

{
  "message": "User not found. "
}

```

3. Confirm Order Shipped by Seller

Request

```

{
  "activity" : "confirm_order_shipped",
  "email" : "shirleen@gmail.com",
  "id_trans" : 4,
  "tracking" : "111222333444"
}

```

Response

```

{
  "message": "Order has been shipped by Seller."
}

```

Exception

```

{
  "message": "Order has not been received by Seller."
}

{
  "message": "There is no transaction with that id in this account."
}

{
  "message": "User is banned. No Profile to be shown. "
}

{
  "message": "User not logged in. Please Login first. "
}

```

```
}  
  
{  
  "message": "User not found. "  
}
```

4. Check Order Arrived By Seller

Request

```
{  
  "activity" : "check_order_arrived",  
  "email" : "shirleen@gmail.com",  
  "id_trans" : 4  
}
```

Response

```
{  
  "message": "Order has not arrived"  
}  
  
{  
  "message": "Order has arrived."  
}
```

Exception

```
{  
  "message": "There is no transaction with that id in this  
account."  
}  
  
{  
  "message": "User is banned. No Profile to be shown. "  
}  
  
{  
  "message": "User not logged in. Please Login first. "  
}  
  
{  
  "message": "User not found. "  
}
```

5. Confirm Order Done by Buyer

Request

```
{
  "activity" : "confirm_order_done",
  "email" : "buyer@gmail.com",
  "id_trans" : 4
}
```

Response

```
{
  "message": "Order is complete. Balance forwarded to Seller. "
}
```

Exception

```
{
  "message": "There is no transaction with that id in this
account."
}
```

```
{
  "message": "User is banned. No Profile to be shown. "
}
```

```
{
  "message": "User not logged in. Please Login first. "
}
```

```
{
  "message": "User not found. "
}
```