Create db digital\_outlet

> Query :

use digital\_outlet

Create Collection

> Query :

db.createCollection('operators');

1. Create
2. Insert 5 operators pada table operators

> Query :

db.operators.insert([

{\_id: 1, name: "operator1", created\_at: new Date(), updated\_at: new Date()},

{\_id: 2, name: "operator2", created\_at: new Date(), updated\_at: new Date()},

{\_id: 3, name: "operator3", created\_at: new Date(), updated\_at: new Date()},

{\_id: 4, name: "operator4", created\_at: new Date(), updated\_at: new Date()},

{\_id: 5, name: "operator5", created\_at: new Date(), updated\_at: new Date()}

])

1. Insert 3 product type

> Query :

db.product\_types.insert([

{\_id: 1, name: "type1", created\_at: new Date(), updated\_at: new Date()},

{\_id: 2, name: "type2", created\_at: new Date(), updated\_at: new Date()},

{\_id: 3, name: "type3", created\_at: new Date(), updated\_at: new Date()}

])

1. Insert 2 Product dengan product type id : 1, dan operator id : 3

> Query :

db.products.insert([

{\_id: 1, product\_type\_id: 1, operator\_id: 3, code: "P001", name: "Product 1", status: 1, created\_at: new Date(), updated\_at: new Date()},

{\_id: 2, product\_type\_id: 1, operator\_id: 3, code: "P002", name: "Product 2", status: 1, created\_at: new Date(), updated\_at: new Date()}

])

1. Insert 3 Product dengan product type id : 2, dan operator id : 1

> Query :

db.products.insert([

{\_id: 3, product\_type\_id: 2, operator\_id: 1, code: "P003", name: "Product 3", status: 1, created\_at: new Date(), updated\_at: new Date()},

{\_id: 4, product\_type\_id: 2, operator\_id: 1, code: "P004", name: "Product 4", status: 1, created\_at: new Date(), updated\_at: new Date()},

{\_id: 5, product\_type\_id: 2, operator\_id: 1, code: "P005", name: "Product 5", status: 1, created\_at: new Date(), updated\_at: new Date()}

])

1. Insert 3 Product dengan product type id: 3 dan operator id: 4

> Query :

db.products.insert([

{\_id: 6, product\_type\_id: 3, operator\_id: 4, code: "P006", name: "Product 6", status: 1, created\_at: new Date(), updated\_at: new Date()},

{\_id: 7, product\_type\_id: 3, operator\_id: 4, code: "P007", name: "Product 7", status: 1, created\_at: new Date(), updated\_at: new Date()},

{\_id: 8, product\_type\_id: 3, operator\_id: 4, code: "P008", name: "Product 8", status: 1, created\_at: new Date(), updated\_at: new Date()}

])

1. Insert Product Description pada setiap product

> Query :

db.products.updateMany({}, {$set:{"product\_description": "description"}})

1. Insert 3 payment methods

> Query :

db.product\_descriptions.insert([

{\_id: 1, product\_description: "description 1", created\_at: new Date(), updated\_at: new Date()},

{\_id: 2, product\_description: "description 2", created\_at: new Date(), updated\_at: new Date()},

{\_id: 3, product\_description: "description 3", created\_at: new Date(), updated\_at: new Date()},

{\_id: 4, product\_description: "description 4", created\_at: new Date(), updated\_at: new Date()},

{\_id: 5, product\_description: "description 5", created\_at: new Date(), updated\_at: new Date()},

{\_id: 6, product\_description: "description 6", created\_at: new Date(), updated\_at: new Date()},

{\_id: 7, product\_description: "description 7", created\_at: new Date(), updated\_at: new Date()},

{\_id: 8, product\_description: "description 8", created\_at: new Date(), updated\_at: new Date()}

])

1. Insert 5 user pada table users

> Query :

db.users.insert([

{\_id: 1, status: 1, dob: new ISODate("1991-05-18T14:10:30Z"), gender: 'M', created\_at: new Date(), updated\_at: new Date()},

{\_id: 2, status: 1, dob: new ISODate("1991-06-20T14:10:30Z"), gender: 'F', created\_at: new Date(), updated\_at: new Date()},

{\_id: 3, status: 1, dob: new ISODate("1991-01-22T14:10:30Z"), gender: 'M', created\_at: new Date(), updated\_at: new Date()},

{\_id: 4, status: 1, dob: new ISODate("1991-03-15T14:10:30Z"), gender: 'F', created\_at: new Date(), updated\_at: new Date()},

{\_id: 5, status: 1, dob: new ISODate("1991-08-07T14:10:30Z"), gender: 'M', created\_at: new Date(), updated\_at: new Date()}

])

1. Insert 3 transaksi di masing-masing user

> Query :

db.transactions.insert([

{\_id: 1, user\_id: 1, payment\_method\_id: 1, status: 1, total\_qty: 10, total\_price: 100000, created\_at: new Date(), updated\_at: new Date()},

{\_id: 2, user\_id: 3, payment\_method\_id: 1, status: 1, total\_qty: 5, total\_price: 25000, created\_at: new Date(), updated\_at: new Date()},

{\_id: 3, user\_id: 3, payment\_method\_id: 3, status: 1, total\_qty: 8, total\_price: 8000, created\_at: new Date(), updated\_at: new Date()}

])

1. Insert 3 Product di masing-masing transaksi

> Query :

db.transaction\_details.insert([

{\_id: 1, product\_id: 1, status: 1, qty: 1, price: 10000, created\_at: new Date(), updated\_at: new Date()},

{\_id: 2, product\_id: 3, status: 1, qty: 1, price: 5000, created\_at: new Date(), updated\_at: new Date()},

{\_id: 3, product\_id: 2, status: 1, qty: 1, price: 1000, created\_at: new Date(), updated\_at: new Date()}

])

2. Read

1. Tampilkan nama user dengan gender laki-laki

> Query :

db.users.find({ gender: "M" }, { name: 1 }).pretty();

1. Tampilkan product dengan id = 3

> Query :

db.products.find({ \_id: 3 }).pretty();

1. Hitung jumlah user dengan status gender perempuan

> Query :

db.users.find( { gender: "F" } ).count();

1. Tampilkan data pelanggan dengan urutan sesuai nama abjad

> Query :

db.users.find().sort({name:1}).pretty();

1. Tampilkan 5 data product

> Query :

db.products.find().limit(5).pretty();

3. Update

1. Ubah data product id 1 dengan nama “product dummy”

> Query :

db.products.update({\_id: 1}, {$set: {name: "product dummy"}});

1. Ubah qty = 3 pada transaction detail dengan product id 1

> Query :

db.transaction\_details.update({product\_id: 1}, {$set: {qty: 3}});

4. Delete

1. Delete data pada table product dengan id 1

> Query :

db.products.remove({\_id: 1});

1. Delete data pada table product dengan product type id 1

> Query :

db.products.remove({product\_type\_id: 1});