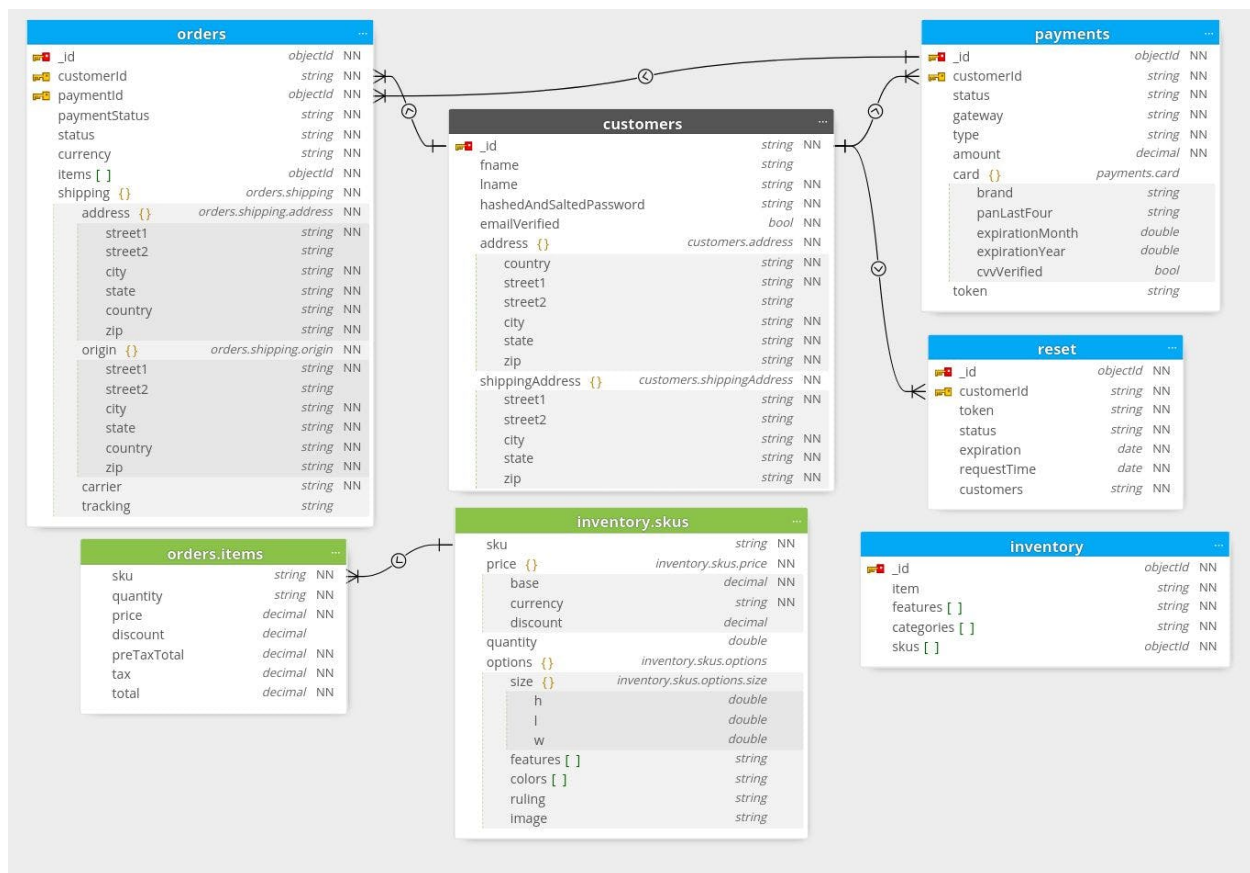


The Objective of the project is to design an E-Commerce Backend Apis. The Schema is shown as follows.



JayaPrakash- Team will handle the following tasks.

Post -Signup

Post -Sign-in with bearer token

Post - Profile Management

Get - Customer Details (bearer token to be sent as part of header for all the calls except login and signup)

Post - Reset Password

Business Rules

1. Password should be stored in the encrypted format
2. Once the user logged in we need to generate a bearer/JWT token that will be returned. While encrypting the token please make sure that customerID, and customer Name are part of the encryption process. If we decrypt the token on the server side we should be able to retrieve the logged-in customer id

3. Token should be sent as part of the request header. All the routes must be secured that means any api call that will be sent without the valid token must be rejected.
4. We should be able to extract the customerid from the JWT token on the server side.

Sonia:

1. Create The Inventory model and all the crud operations
2. And get Inventory Item by ID

Swetha:

1. Create the Inventory SKU (Stock Keeping Units)
2. If any item is sold it should be removed from the inventory and inventorySKU

Balaji

1. Orders
 - a. Create Order for customer
 - b. Update Order for customer
 - c. Remove Order for customer
 - d. Get all the orders for the customer

Business Rule: If any item is under order it should be not be accessed by other customer (example like ticket booking)

Surrender:

Create the payment for any order and take care of overall development.

The architecture should be as follows.

PostMan -> Gin(RestApi) -> GrpcClient - GRPCserver -> DAL - MongoDB