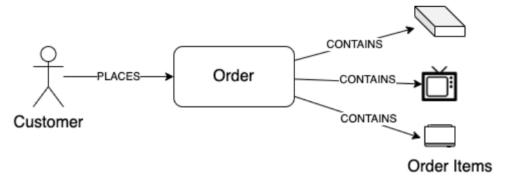
Creating a Data Model

Let us create the data model of a common use case of a customer placing an order in an e-commerce application:



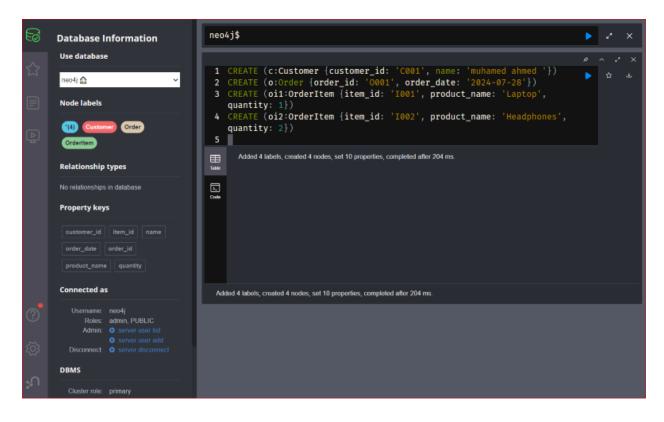
The customer can place one or more orders and each order is composed of one or more order items.

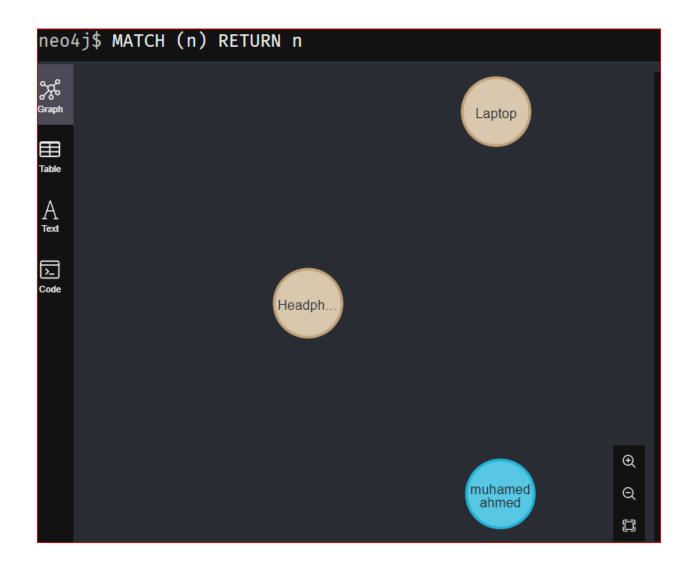
We can describe this model in terms of entity relationships as having three entities:

Customer.

_ _

- Order.
- Order Item.





and two associations:

- *one-to-many* relationship between customer and order entities.
- MATCH (c:Customer_id: 'C001'}), (o:Order {order_id: 'O001'})
- CREATE (c)-[:PLACES]->(o)
- *one-to-many* relationship between order and order item entities.
- MATCH (o:Order {order_id: 'O001'}), (oi1:OrderItem {item_id: 'I001'}), (oi2:OrderItem {item_id: 'I002'})
- CREATE (o)-[:CONTAINS]->(oi1)
- CREATE (o)-[:CONTAINS]->(oi2)

