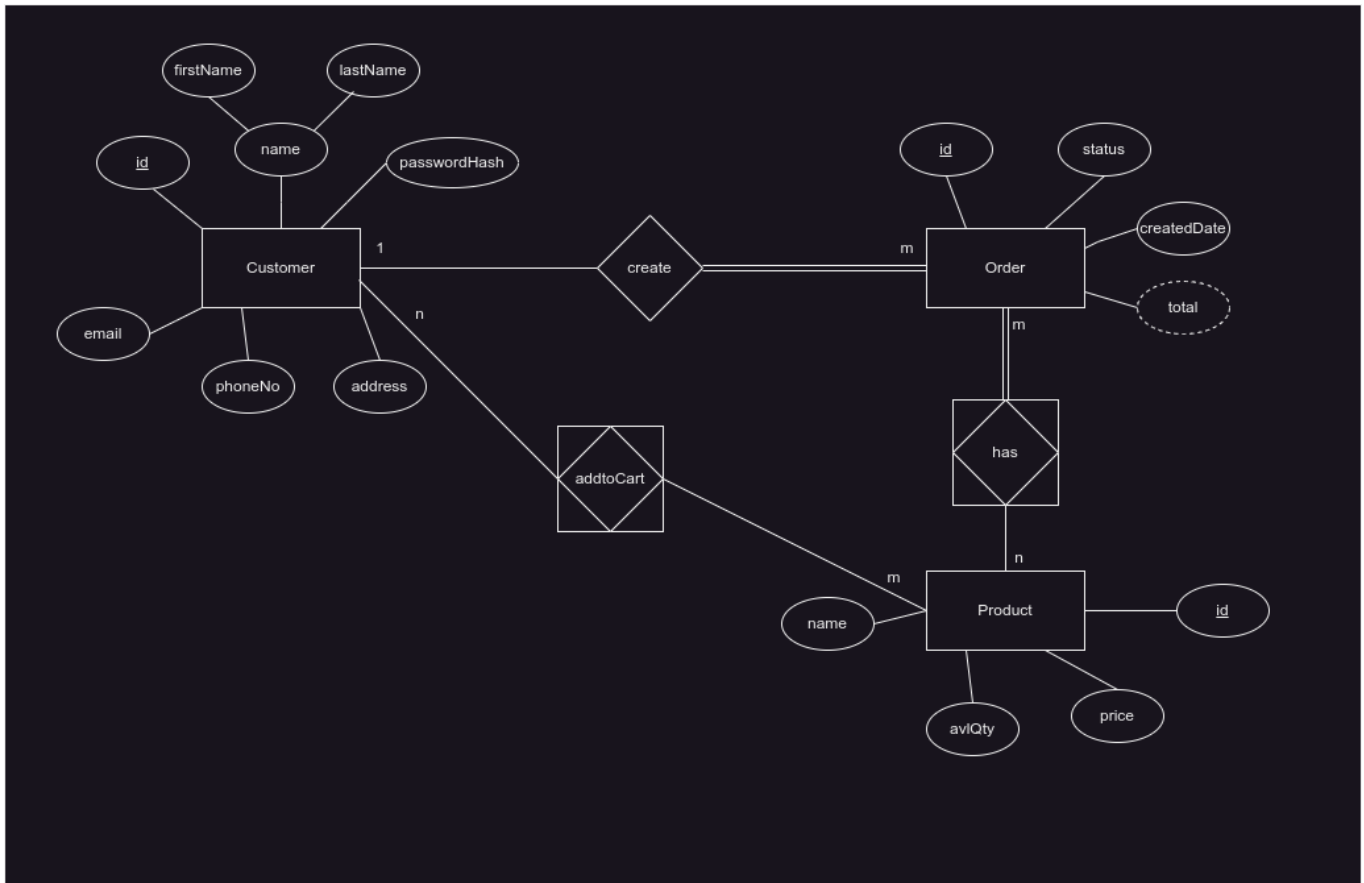


Inventory Management Docs

EER diagram:



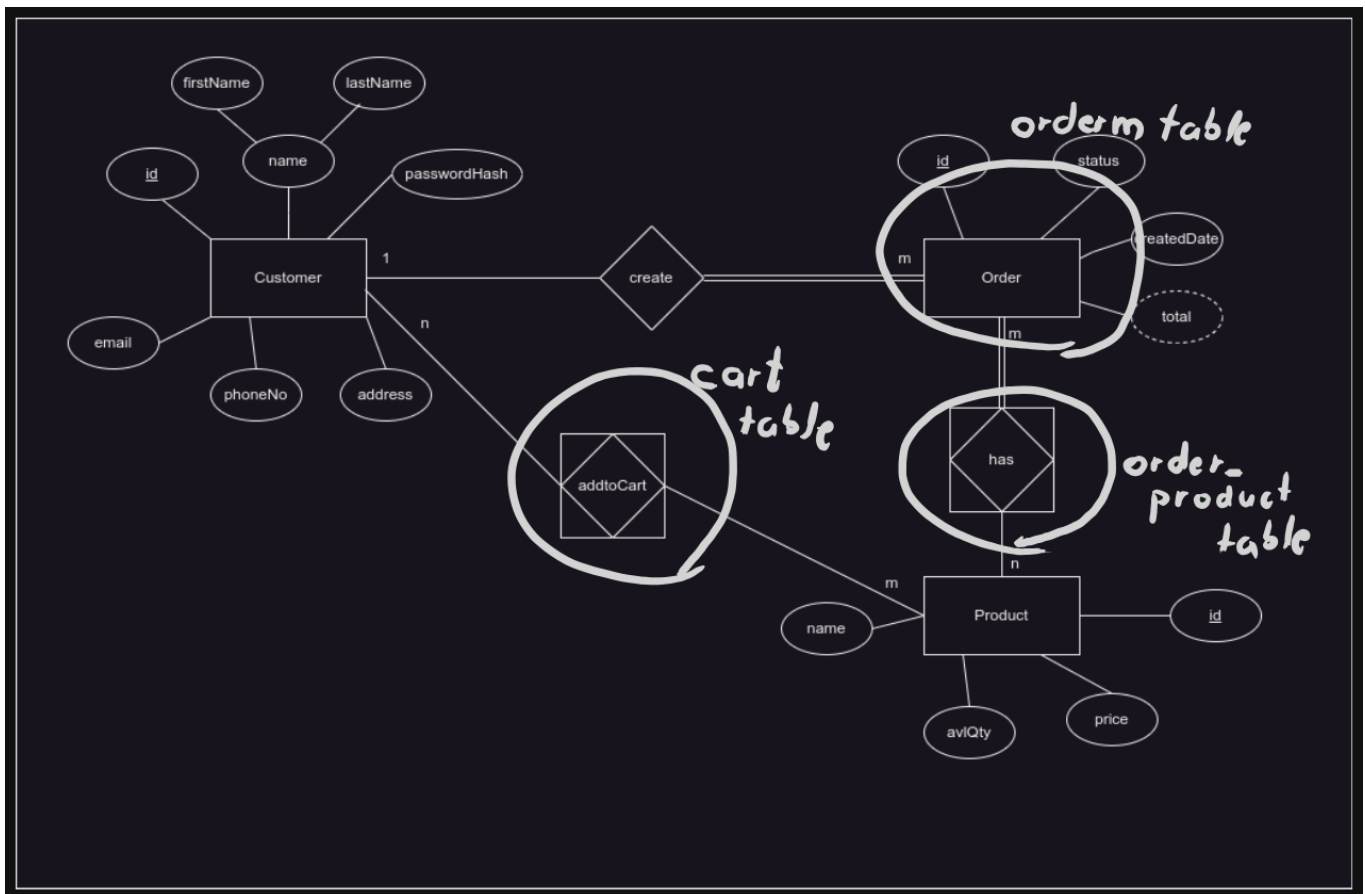
Created tables:

```
mysql> show tables;
+-----+
| Tables_in_spring |
+-----+
| cart               |
| order_product      |
| orderm             |
+-----+
3 rows in set (0.00 sec)
```

```
mysql> describe orderm;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra          |
+-----+-----+-----+-----+-----+-----+
| id         | bigint        | NO   | PRI | NULL     | auto_increment |
| created_date | datetime      | YES  |     | NULL     |                |
| customer_id | varchar(255)  | YES  |     | NULL     |                |
| paid       | tinyint(1)    | YES  |     | 0        |                |
| status     | varchar(20)   | YES  |     | processing |                |
| uniq_id    | varchar(50)   | YES  |     | NULL     |                |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.01 sec)
```

```
mysql> describe order_product;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra          |
+-----+-----+-----+-----+-----+-----+
| id         | bigint        | NO   | PRI | NULL     | auto_increment |
| order_id   | varchar(50)   | YES  |     | NULL     |                |
| product_id | varchar(50)   | YES  |     | NULL     |                |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> describe cart;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra          |
+-----+-----+-----+-----+-----+-----+
| id         | bigint        | NO   | PRI | NULL     | auto_increment |
| customerid | varchar(255)  | YES  |     | NULL     |                |
| productid  | varchar(255)  | YES  |     | NULL     |                |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```



Basic Operations:

- Customer first adds the needed items to the cart. Cart data is stored in "cart" table.
- Then Customer clicks checkout button to confirm the order. This would create an entry in orderm(table is named orderm because order is a reserved word in mysql). This would also transfer individual items from the cart to the order_product table.
- orders are assigned a UUID at creation time.

Environment:

```

spring.jpa.hibernate.ddl-auto=update
spring.datasource.url=jdbc:mariadb://${MYSQL_HOST:localhost}:3306/spring?allowPublicKeyRetrieval=true&useSSL=false
spring.datasource.username=spring_user
spring.datasource.password=testing123
spring.datasource.driver-class-name=org.mariadb.jdbc.Driver
#spring.jpa.show-sql: true
spring.jpa.properties.hibernate.dialect=org.hibernate.dialect.MariaDBDialect
  
```

- MariaDB used.
- username: spring_user
- DB name: spring