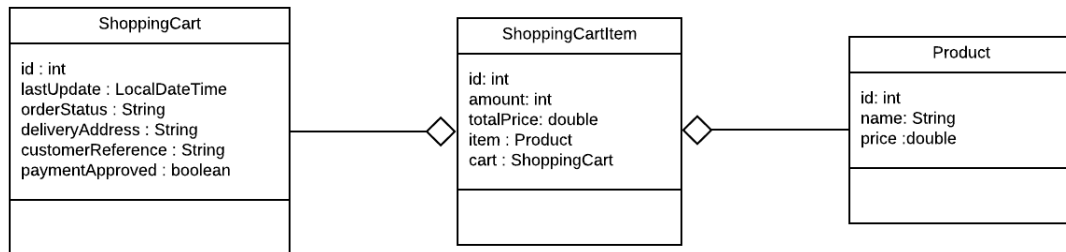


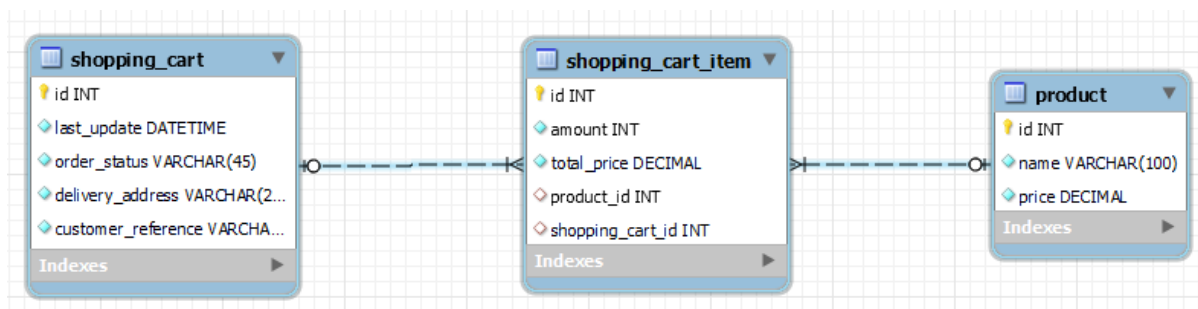
JDBC Practice:

Create a new maven project and **add** necessary **dependency for MySQL**

Create ***package model*** then add the following entities in the package.



Database diagram:



You can run *supplied script* to generate database in MySQL or create it yourself.

DAOs:

ProductDAO implementation:

- Save **inserts** or **update** entity
Insert when id == 0 and Update when id > 0
- Complete all methods as best as you can

<<interface>> ProductDAO
<pre>save(product) : Product findById(id) : Optional<Product> findAll() : List<Product> findByName(name) : List<Product> findByPriceBetween(low, high) : List<Product> delete(id) : void</pre>

ShoppingCartDAO implementation:

- Save **inserts** or **update** entity
Inserts when id == 0 and Update when id > 0
- Complete all methods as best as you can

<<interface>> ShoppingCartDAO
<pre>save(cart) : ShoppingCart findById(id) : Optional<ShoppingCart> findAll() : List<ShoppingCart> findByOrderStatus(status) : List<ShoppingCart> findByReference(customer) : List<ShoppingCart> delete(id) : void</pre>

ShoppingCartItemDAO implementation:

- Save **inserts** or **update** entity
Inserts when id == 0 and Update when id > 0
- Complete all methods as best as you can

<<interface>> ShoppingCartItemDAO
<pre>save(cartItem) : ShoppingCartItem findById(id) : Optional<ShoppingCartItem> findAll() : List<ShoppingCartItem> findByCartId(cartId) : List<ShoppingCartItem> findByProductId(productId) : List<ShoppingCartItem> delete(id) : void</pre>