Ecommerce Application Server Logic

Item; Fields:

Customer:

* User (django default)
* Guest (If user is blank)

Fields: Identification (unique=true), user (blank=True, foreign key), location, address (blank = True), Tel (blank=true), cart (one to many), selected item (one to many), order (one to many), gifting (many to many), wish list (one to many), shipping info (one to many, blank=true), is\_guest (Boolean field , default = true), date-created(auto)

* Cart; Fields: Identification (unique=true), Customer (foreign key), item (many to many), date-created(auto).
* Selected item; Fields: Identification (unique=true), Customer (foreign key), item (many to many), date-created(auto).
* Shipping Info; Fields: Customer (foreign key), Full name, address, email, Tel
* Order: Identification (unique=true), Customer (foreign key), Selected item (one to many), Shipping info (one to one), is\_completed (Boolean field), date-created (auto generated)
* Wish list; Fields: Identification (unique=true), Customer (foreign key), item (many to many), date-created(auto).

IMPORTANT:

1. When an order has been completed, Cart = Cart – Selected item, is\_completed = true, else order is deleted
2. Order id is also the tracking id.
3. When Items in cart becomes unavailable, customer have the choice to move item to wish list rather than clearing it totally.

Customers permissions:

1. Adding to cart
2. Check out.
3. Buy now.