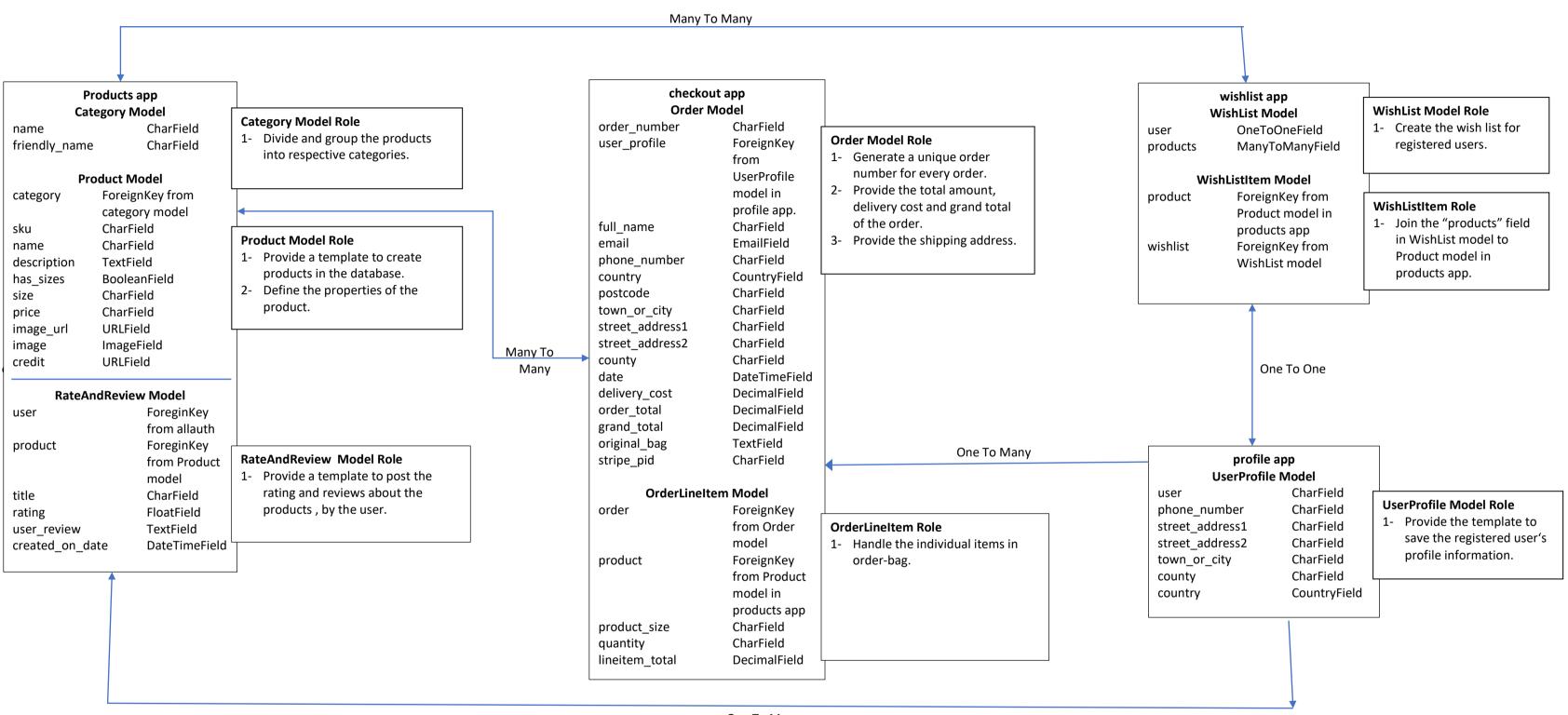# DATABASE MODEL DIAGRAM

Saud Qureshi

Many To Many

Products app
Category Model

name	CharField
friendly_name	CharField

Product Model

category	ForeignKey from category model
sku	CharField
name	CharField
description	TextField
has_sizes	BooleanField
size	CharField
price	CharField
image_url	URLField
image	ImageField
credit	URLField

RateAndReview Model

user	ForeginKey from allauth
product	ForeignKey from Product model
title	CharField
rating	FloatField
user_review	TextField
created_on_date	DateTimeField

Category Model Role
1- Divide and group the products into respective categories.

Product Model Role
1- Provide a template to create products in the database.
2- Define the properties of the product.

RateAndReview Model Role
1- Provide a template to post the rating and reviews about the products , by the user.

Many To Many

checkout app
Order Model

order_number	CharField
user_profile	ForeignKey from UserProfile model in profile app.
full_name	CharField
email	EmailField
phone_number	CharField
country	CountryField
postcode	CharField
town_or_city	CharField
street_address1	CharField
street_address2	CharField
county	CharField
date	DateTimeField
delivery_cost	DecimalField
order_total	DecimalField
grand_total	DecimalField
original_bag	TextField
stripe_pid	CharField

OrderLineItem Model

order	ForeignKey from Order model
product	ForeignKey from Product model in products app
product_size	CharField
quantity	CharField
lineitem_total	DecimalField

Order Model Role
1- Generate a unique order number for every order.
2- Provide the total amount, delivery cost and grand total of the order.
3- Provide the shipping address.

OrderLineItem Role
1- Handle the individual items in order-bag.

wishlist app
WishList Model

user	OneToOneField
products	ManyToManyField

WishListItem Model

product	ForeignKey from Product model in products app
wishlist	ForeignKey from WishList model

WishList Model Role
1- Create the wish list for registered users.

WishListItem Role
1- Join the "products" field in WishList model to Product model in products app.

One To One

One To Many

profile app
UserProfile Model

user	CharField
phone_number	CharField
street_address1	CharField
street_address2	CharField
town_or_city	CharField
county	CharField
country	CountryField

UserProfile Model Role
1- Provide the template to save the registered user's profile information.

One To Many