Product MODELS

Table BaseProduct — Abstract model new products can inherit this model

id	integer [primary key]	Generated automatically
category	Foreign key (Category)	Asign product category
brand	Foreign key (ProductBrand)	Asign product brand
sku	CharField	Produc SKU number
name	CharField	Name(title) of the product item gives extra desctiption to the title
model	CharField	Asign product model
description	TextField/tinyMCE field	Full description of the product
price	DecimalField	asign product price
discount	IntegerField	Not implemented yet, would offer product price discount.
created_at	DateField.auto_now	Date when product was created
modified_at	DateField	Date when product was Modified
created_by	ForeignKey(UserProfile)	Assign user id who created the record

Table Product(BaseProduct) — Product model inherit/extend BaseProduct model

id	UUID [primary key]	Generated automatically
special	Foreign key (Special)	Asign product special features
brochure	URLField	Store product brochure url link
featured	BooleanField	Set product to be featured on the homepage
		Not used anymore because of the homepage design
		changed and products on the home page display only
featured_description	TextField/tinyMCE field	images without any description

Table ProductImages — To store multiple product images

id integer [primary key]		
product	ForeignKey(Product)	Point relation to the individual product
image_url	URLField	To store image url
image	ImageField	To store image

Table Category — To store product categories

id integer [primary key]		
name	CharField	To store machine friendly name
friendly_name	CharField	To store human friendly name

Table Special — To store product special features like (resolution, quality, printing speed)

id integer [primary key]		
name	CharField	To store machine friendly name
friendly_name	CharField	To store human friendly name

Table ProductBrand — To store product Brands

id integer [primary key]		
name	CharField	To store machine friendly name
friendly_name	CharField	To store human friendly name

Table ProductReviews — To store user reviews

id integer [primary key]		
product	ForeignKey(Product)	Point relation to the individual product
user	ForeignKey(Users)	Point relation to the individual user
review_title	CharField	Reviewtitle
review_text	CharField	Review description
review_image	ImageField	To store image
review_score	PositiveIntegerField	Choises(Poor, Average, Good, Very Good, Excellent)

Table Cartridges(BaseProduct) — Cartridges model inherit/extend BaseProduct model

id UUID [primary key]		
image_url	URLField	To store image url
image	ImageField	To store image
compatible_printer	ManyToManyField(Product)	Point to the individual product
cartridge_product	BooleanField	To separate product and cartridges from each other

Checkout MODELS

Table Order

id integer [primary key]		
order_number	CharField	Autogenerated order number
user_profile	ForeignKey(Users)	Point relation to the individual user
full_name	CharField	User full name
email	EmailField	User email
phone_number	CharField	User phone_number
country	CharField	User country
postcode	CharField	User postcode
town_or_city	CharField	User town_or_city
street_address1	CharField	User street_address1
street_address2	CharField	User street_address2
county	CharField	User county
date	DateTimeField	User date
delivery_cost	DecimalField	User delivery_cost
order_total	DecimalField	User order_total
grand_total	DecimalField	User grand_total
original_bag	TextField	User original_bag
stripe_pid	CharField	User stripe_pid

Table OrderLineItem

id integer [primary key]		
order	ForeignKey (Order)	Point relation to the individual Order
product	ForeignKey(Product)	Point relation to the individual Product
cartridge	ForeignKey(Cartridges)	Point relation to the individual Cartridge
quantity	DecimalField	order quantity
lineitem_total	DecimalField	total summ per quanytity of the product

Table Country
id integer [primary key]
country_names   Provided by django-countries

Table UserProfile   Extends django Base user
id integer [primary key]
user   OneToOneField(User)   Point relatione to individual User
default_full_name   Charfield
default_phone_number varchar   Charfield
default_street_address1 varchar   Charfield
default_street_address2 varchar   Charfield
default_town_or_city varchar   Charfield
default_county varchar   Charfield
default_postcode varchar   Charfield
default_country varchar   CountryField(from django-countries)