**PROJECT IN PYTHON**

**Ecommerce Website using Django.**

**a)Model address:**

from django.db import models

from django.contrib.auth.models import User

from django.urls import reverse

# Create your models here.

class Address(models.Model):

user\_id=models.ForeignKey(User, null=False,on\_delete=models.CASCADE)

full\_name = models.CharField(max\_length=50, blank=False)

phone\_number = models.CharField(max\_length=20, blank=False)

country = models.CharField(max\_length=40, blank=False)

postcode = models.CharField(max\_length=20, blank=True)

town\_or\_city = models.CharField(max\_length=40, blank=False)

street\_address\_1 = models.CharField(max\_length=40, blank=False)

street\_address\_2 = models.CharField(max\_length=40, blank=False)

county = models.CharField(max\_length=40, blank=False)

**b)model order:**

from django.db import models

from products.models import Product

class Order(models.Model):

full\_name = models.CharField(max\_length=50, blank=False)

phone\_number = models.CharField(max\_length=20, blank=False)

country = models.CharField(max\_length=40, blank=False)

postcode = models.CharField(max\_length=20, blank=True)

town\_or\_city = models.CharField(max\_length=40, blank=False)

street\_address\_1 = models.CharField(max\_length=40, blank=False)

street\_address\_2 = models.CharField(max\_length=40, blank=False)

county = models.CharField(max\_length=40, blank=False)

date = models.DateField()

def \_\_str\_\_(self):

return "{0}-{1}-{2}".format(self.id, self.date, self.full\_name)

class OrderLineItem(models.Model):

order = models.ForeignKey(Order, null=False,on\_delete=models.CASCADE)

product = models.ForeignKey(Product, null=False,on\_delete=models.CASCADE)

quantity = models.IntegerField(blank=False)

def \_\_str\_\_(self):

return "{0} {1} @ {2}".format(self.quantity, self.product.name, self.product.price)

**c)model query:**

from django.db import models

# Create your models here.

class Query(models.Model):

fullname=models.CharField(max\_length=200)

email=models.EmailField()

content=models.TextField()

def \_\_str\_\_(self):

return self.email

**d)model product**

from django.db import models

class Product(models.Model):

name = models.CharField(max\_length=254, default='')

description = models.TextField()

price = models.DecimalField(max\_digits=10, decimal\_places=2)

image = models.ImageField(upload\_to='images')

def \_\_str\_\_(self):

return str(self.name)

