

STEP 1: pip install razorpay

STEP 2: add below code in settings.py

```
RAZORPAY_KEY_ID = 'rzp_test_VQhEfe2NCXbbwI'  
RAZORPAY_SECRET_KEY = '2ibreCYL78DA3kjOhobCvz0f'
```

STEP 3: create a model for storing orders

```
class ordermodel(models.Model):  
    userid = models.ForeignKey(registermodel,  
on_delete=models.CASCADE)  
    finaltotal = models.FloatField()  
    phone = models.BigIntegerField()  
    address = models.TextField()  
    paymode = models.CharField(max_length=40)  
    timestamp = models.DateTimeField(auto_now_add=True)  
    status = models.BooleanField(default=False)  
    razorpay_order_id = models.CharField(max_length=255,  
null=True, blank=True)
```

STEP 4: UPDATE CART VIEW

```
def showcart(request):
    userid = request.session["log_id"]

    fetchdata =
cart.objects.filter(userid=userid,orderstatus=1)
    total = sum(item.totalamount for item in fetchdata)
    context = {
        "data":fetchdata,
        "total":total
    }
    return render(request,"cart.html",context)
```

STEP 5: UPDATE CART.HTML

```
<h4 class="text-end">Total: Rs. {{ total }}</h4>
    <div class="d-flex justify-content-end">
    <div class="col-md-6">
        <form action="/placeorder" method="POST">
            {% csrf_token %}
            <input type="hidden" name="total" value="{{
total }}">

            <label for="phone" class="form-label">Phone
Number:</label>
            <input type="text" name="phone" required
class="form-control mb-3">

            <label for="address"
class="form-label">Delivery Address:</label>
```

```

        <textarea name="address" required
class="form-control mb-3"></textarea>

        <label for="payment" class="form-label">Select
Payment Method:</label>
        <select name="payment" required
class="form-select mb-3">
            <option value="Cash on Delivery">Cash on
Delivery</option>
            <option value="Online">Online Payment
(Razorpay)</option>
        </select>

        <button type="submit" class="btn
btn-primary">Proceed to Checkout</button>
    </form>
</div>
</div>

```

CREATE A PLACE ORDER VIEW

```

import razorpay
from django.conf import settings

def placeorder(request):
    userid = request.session["log_id"]
    finaltotal = request.POST.get("total")
    phone = request.POST.get("phone")
    address = request.POST.get("address")

```

```

payment = request.POST.get("payment")

if payment=="Cash on Delivery":
    storedata = ordermodel(
        userid=registermodel(id=userid),
        finaltotal=finaltotal,
        phone=phone,
        address=address,
        paymode=payment
    )
    storedata.save()

    lastid = storedata.id

    fetchdata =
cart.objects.filter(userid=userid,orderstatus=1)
    for i in fetchdata:
        i.orderstatus = 0
        i.orderid = lastid
        i.save()

    messages.success(request,"Order Placed
Successfully")
    else:

        client =
razorpay.Client(auth=(settings.RAZORPAY_KEY_ID,
settings.RAZORPAY_SECRET_KEY))
        order_amount = int(float(finaltotal) * 100) #
Razorpay needs amount in paise
        razorpay_order = client.order.create({
            "amount": order_amount,
            "currency": "INR",
            "receipt": f"order_rcptid_{userid}",
            "payment_capture": "1",
        })

```

```

storedata = ordermodel(
    userid=registermodel(id=userid),
    finaltotal=finaltotal,
    phone=phone,
    address=address,
    paymode="Online",
    razorpay_order_id=razorpay_order['id'],
)
storedata.save()

lastid = storedata.id

# Update Cart Items
cart_items = cart.objects.filter(userid=userid,
orderstatus=1)
for item in cart_items:
    item.orderstatus = 0
    item.orderid = lastid
    item.save()

return render(request, "payment.html", {
    "razorpay_order_id": razorpay_order['id'],
    "amount": order_amount,
    "key": settings.RAZORPAY_KEY_ID,
    "currency": "INR",
})

return redirect("/")

def payment_success(request):
    return render(request, "showproducts.html")

```

CREATE URLS

```
path('placeorder', views.placeorder),  
path('payment-success', views.payment_success),
```

CREATE PAYMENT.HTML

```
<!DOCTYPE html>  
<html>  
<head>  
  <title>Razorpay Payment</title>  
  <script  
src="https://checkout.razorpay.com/v1/checkout.js"></scri  
pt>  
</head>  
<body>  
  <h2>Complete Payment</h2>  
  
  <script>  
    var options = {  
      "key": "{{ key }}",  
      "amount": "{{ amount }}",  
      "currency": "{{ currency }}",  
      "order_id": "{{ razorpay_order_id }}",  
      "handler": function (response){  
        alert("Order Placed Successfully");  
      }  
    }  
  </script>  
</body>  
</html>
```

```
        window.location.href = "/";
    }
};
var rzp = new Razorpay(options);
rzp.open();
</script>
</body>
</html>
```