

Q1. Create a Subscription Page with its corresponding url and view function as shown below.

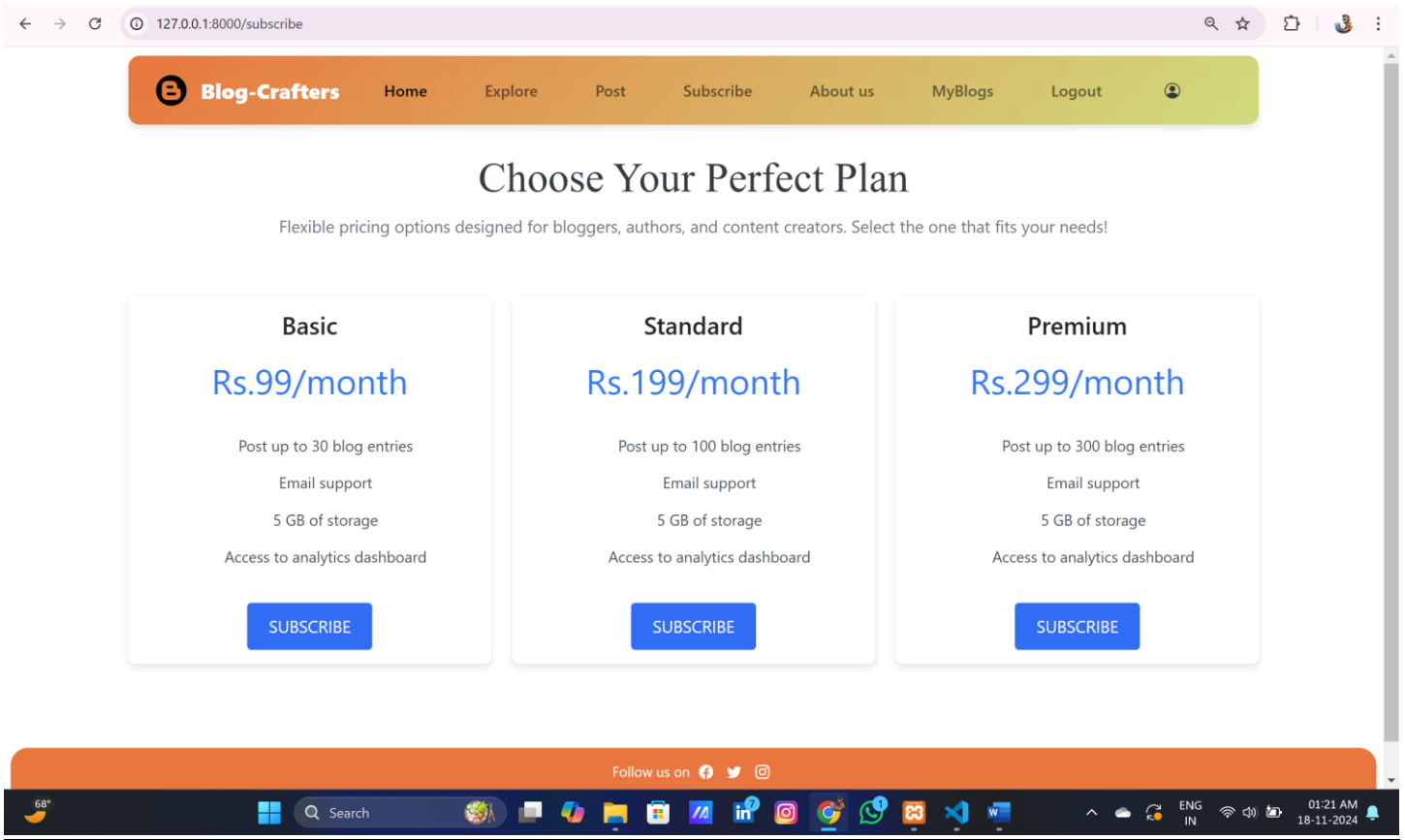
Views.py

```
1 # subscription page
2 def subscribe(request):
3     context={}
4     b=SubPlan.objects.all()
5     if request.user.is_authenticated :
6         context['data']=b
7         return render(request, 'subscribe.html', context)
8     else:
9         return redirect('/login')
```

Subscribe.html

```
1 {% extends 'base.html' %}
2 {% load static %}
3 {% block 'main' %}
4
5 <div class="container">
6     <header class="pricing-header">
7         <h1>Choose Your Perfect Plan</h1>
8         <p>Flexible pricing options designed for bloggers, authors, and content creators. Select the one that fits your needs!</p>
9     </header>
10
11     <section class="pricing-section">
12         <div class="row">
13             <!-- Basic Plan -->
14             {% for i in data %}
15                 <div class="col-md-4">
16                     <div class="plan-card shadow-md">
17                         <div class="card-body text-center">
18                             <h3 class="card-title">{{i.sub_plan}}</h3>
19                             <p class="card-price">Rs.{{i.price}}/month</p>
20                             {% comment %} <p class="plan-header">For individuals starting their blogging journey</p> {% endcomment %}
21                             <ul class="feature-list">
22                                 <li><i class="bi bi-check2"></i> Post up to {{i.no_of_post}} blog entries</li>
23                                 <li><i class="bi bi-check2"></i> Email support</li>
24                                 <li><i class="bi bi-check2 checkmark"></i> 5 GB of storage</li>
25                                 <li><i class="bi bi-check2 crossmark"></i> Access to analytics dashboard</li>
26                             </ul>
27                             <a href="/pay/{{i.id}}" class="btn btn-primary btn-subscribe">Subscribe</a>
28                         </div>
29                     </div>
30                 </div>
31             {% endfor %}
32         </div>
33     </section>
34 </div>
35
```

Output :



Q2. Design Payment Page as shown below which get displayed as user click on select and Pay with Razorpay Integration.

Views.py

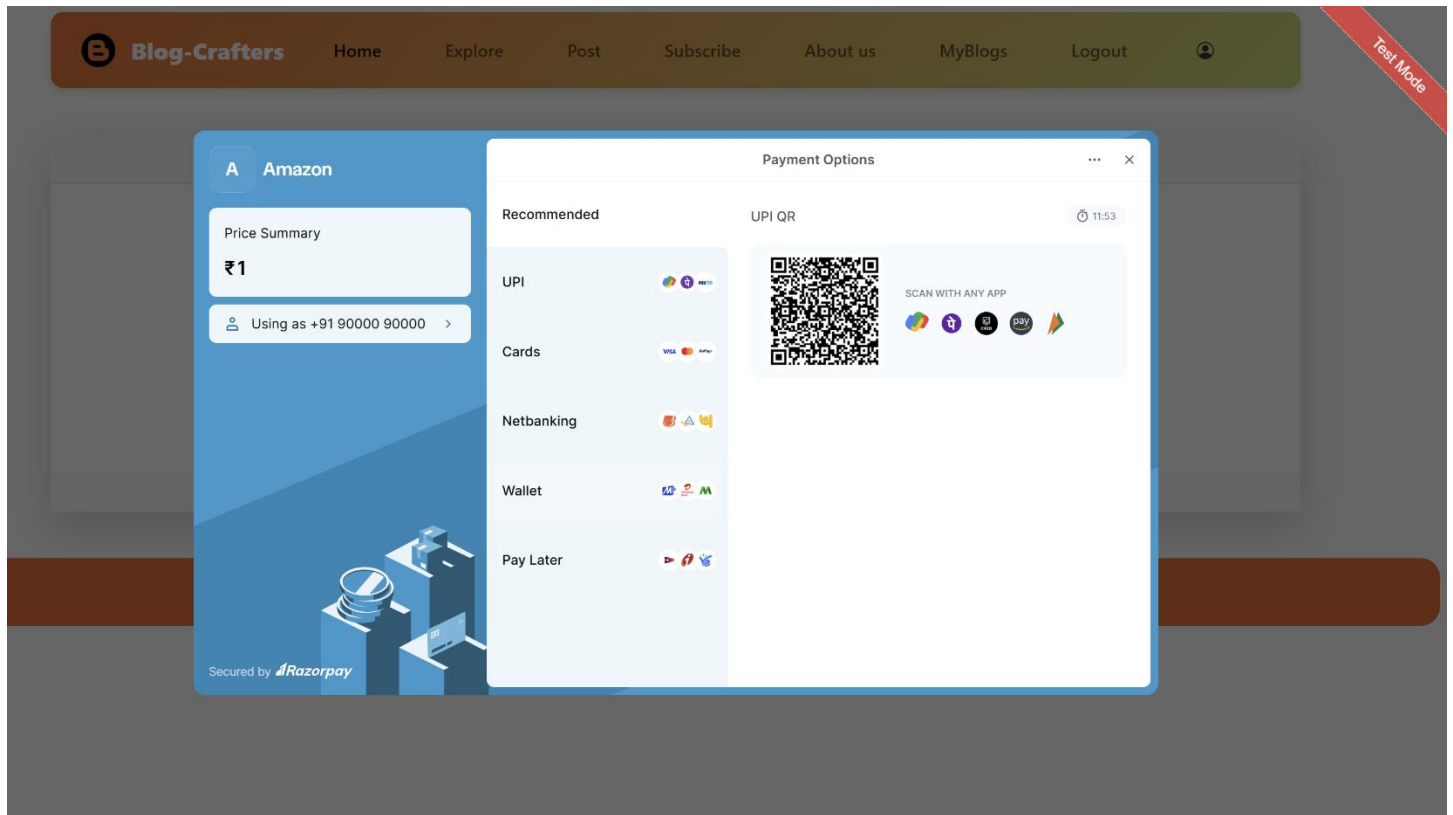
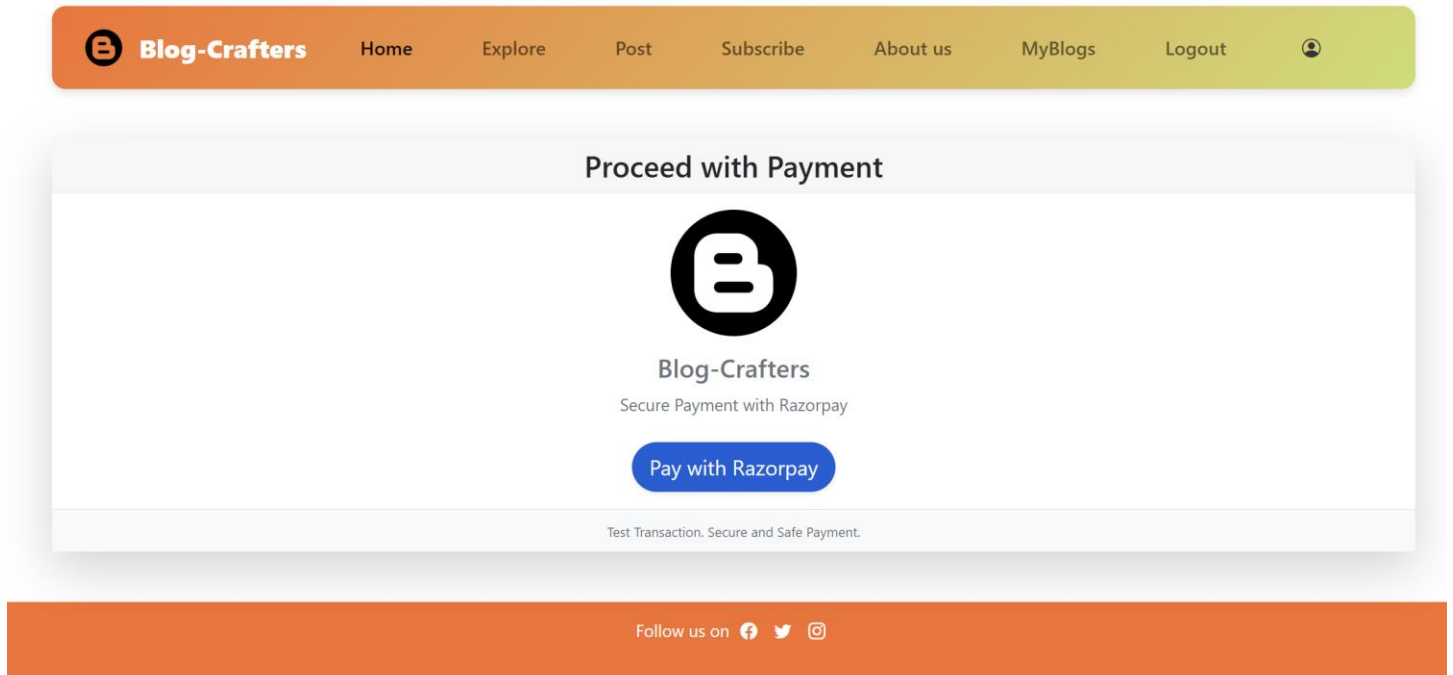
```
1 # pay.html :
2 def pay(request,pid):
3     context={}
4     client = razorpay.Client(auth=("rzp_test_c66P03WlENQIxJ", "Om1t0y0A2HuYZUT0rHFzGtd"))
5
6     r=SubPlan.objects.filter(id=pid) #calculate the total amount to pay and add amt to dict
7     # print(r)
8     amt=r[0].price
9
10    amt=amt*100 # to convert amount to paise
11    # print(amt)
12    data = { "amount": amt, "currency": "INR", "receipt": "order_rcptid_11" }
13    payment = client.order.create(data=data)
14    context['payment']=payment
15
16    a=User.objects.filter(id=request.user.id)
17    # print(a)
18    p=SubPlan.objects.filter(id=pid)
19    # q1=Q(aid=a[0])
20    # q2=Q(sub_plan=p[0])
21    # c=Author.objects.filter(q1 & q2)
22
23    c=Author.objects.create(aid=a[0],sub_plan=p[0])
24    c.save()
25    return render(request,'pay.html')
26
27
```

```

1 {% extends 'base.html' %}
2 {% load static %}
3 {% block 'main' %}
4
5
6 <div class="container my-5">
7     <!-- Payment Section Card -->
8     <div class="card shadow-lg border-0 rounded-lg">
9         <div class="card-header text-black text-center">
10             <h3 class="card-title mb-0">Proceed with Payment</h3>
11         </div>
12         <div class="card-body">
13             <!-- Payment Information -->
14             <div class="text-center mb-4">
15                 
16                 <h4 class="text-muted">Blog-Crafters</h4>
17                 <p class="text-secondary">Secure Payment with Razorpay</p>
18             </div>
19             <!-- Payment Button -->
20             <div class="text-center">
21                 <button id="rzp-button1" class="btn btn-primary btn-lg rounded-pill shadow-sm">
22                     <i class="fas fa-credit-card"></i> Pay with Razorpay
23                 </button>
24             </div>
25         </div>
26         <div class="card-footer text-center bg-light">
27             <small class="text-muted">Test Transaction. Secure and Safe Payment.</small>
28         </div>
29     </div>
30 </div>
31
32 <!-- <button id="rzp-button1" class="mt-5 bg-primary ">Pay with Razorpay</button> -->
33
34
35 <script src="https://checkout.razorpay.com/v1/checkout.js"></script>
36 <script>
37 var options = {
38     "key": "rzp_test_c66P03WlENQIXJ", // Enter the Key ID generated from the Dashboard
39     "amount": "{{payment.amount}}", // Amount is in currency subunits. Default currency is INR. Hence, 50000 refers to 50000 paise
40     "currency": "INR",
41     "name": "Amazon",
42     "description": "Test Transaction",
43     "image": "{% static 'images/logo.png' %}",
44     "order_id": "{{payment.id}}", //This is a sample Order ID. Pass the `id` obtained in the response of Step 1
45     "callback_url": "https://eneqd3r9zrjok.x.pipedream.net/",
46     "prefill": {
47         "name": "Gaurav Kumar",
48         "email": "gaurav.kumar@example.com",
49         "contact": "9000090000"
50     },
51     "notes": {
52         "address": "Razorpay Corporate Office"
53     },
54     "theme": {
55         "color": "#3399cc"
56     },
57     "handler": function(response){
58         // alert(response.razorpay_payment_id)
59         window.location.href='/paymentsuccess' // inserted for move from one add to another
60     }
61 };
62 var rzp1 = new Razorpay(options);
63 document.getElementById('rzp-button1').onclick = function(e){
64     rzp1.open();
65     e.preventDefault();
66 }
67 }
68 </script>
69
70
71 {% endblock 'main' %}

```

Output :





Q3. After Payment send automatic email of subscription by Integration Gmail into Django with following page to be displayed after sending email.

Views.py

```
1 def paymentsuccess(request):
2     sub='Blog-Crafters Subscription Status'
3     msg="Thank you for being a part of Blog-Crafters! Your subscription is currently active, giving you access to exclusive content and updates. Keep crafting your story!"
4     frm='suhas8838@gmail.com'
5
6     u=User.objects.filter(id=request.user.id)    #email should go to authenticated user only
7     to=u[0].email
8
9     send_mail(
10         sub,
11         msg,
12         frm,
13         [to],    #list beacause we can send mail to multiple emails-ids
14         fail_silently=False
15     )
16     return render(request, 'paymentsuccess.html')
```

After payment, we get success msg and at same time we get email also :

 **Blog-Crafters** Home Explore Post Subscribe About us MyBlogs Logout 




Payment Successful

Subscription Activated...!!

Thank you for being a part of Blog-Crafters! Your subscription is currently active, giving you access to exclusive content and updates. Keep crafting your story!

Explore

Your satisfaction is our priority. Thank you for choosing us!

Follow us on   

Email :

