# **ADF Practical – 5 Steps**

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# Q1:-

- 1. Create a signup and login page using Django Admin Auth package. Ask user to include the following information during the registration:
- a. User ID, Email Address, Password and Confirm Password {Django Form Fields}

#### base.html

- Base.html provide view page according to situations like if we are not authenticated into site the page will be shown having signin and signup button
- elseif user authenticated then it will show us home page having all the functionality of site.

```
controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle
            <span class="navbar-toggler-icon"></span>
            Add Post
             </a>
               Post list
             </a>
id="navbarDropdown" role="button" data-bs-toggle="dropdown" aria-
             </a>
             </a>
            {% endif %}
         </div>
       </div>
     </nav>
aria-label="Close"></button>
       </div>
     </div>
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.1/dist/js/bootstrap.bundle.
/bQdsTh/da6pkI1MST/rWKFNjaCP5gBSY4sEBT38Q/9RBh9AH40zEOg7Hlq2THRZ"
  </body>
</html>
```

### Home.html

```
{% extends 'base.html' %}
{% block title %}Home{% endblock title %}
```

## urls.py

```
from django.contrib import path,include
from user import views

from django.conf import settings
from django.conf.urls.static import static

urlpatterns = [
    path('admin/', admin.site.urls),
    path("accounts/",include('django.contrib.auth.urls')),
    path('register/',views.registerUser,name="user_register"),
    path('add_post/',views.add_post,name="user_add_post"),
    path('show_post/',views.show_post,name="user_post_list"),
    path('delete_post/<str:postname>',views.delete_post,name="deletepost"),
    path('update_post/<int:id>',views.update_post,name="updatepost"),
    path('registration/emailVerification/<uidb64>/<token>', views.activate,
name='emailActivate'),
    path('user_profile/',views.view_profile,name="user_profile"),
    path('',views.home,name="home"),

]
if settings.DEBUG:
    urlpatterns +=
static(settings.MEDIA_URL,document_root=settings.MEDIA_ROOT)
```

## admin.py

```
from django.contrib import admin
from django.contrib.auth.models import User
from .models import Post,UserProfile

@admin.register(Post)
class UserAdmin(admin.ModelAdmin):
    list_display = ('id','postusername' , 'postname', 'description')

@admin.register(UserProfile)
class UserAdmin1(admin.ModelAdmin):
    list_display = ('id','username' , 'email',
'birthdate','mobileno','gender', 'city', 'pincode','profile','document')
```

#### views.py

```
from django.shortcuts import render,HttpResponse
from .forms import RegisterForm,ProfileForm
from django.contrib import messages
from django.shortcuts import render,redirect
from .forms import addPost
from django.contrib.auth.models import User
from .models import Post,UserProfile
```

```
user.save()
   form=RegisterForm()
def activate(request, uidb64, token):
       uid = force text(urlsafe base64 decode(uidb64))
```

```
fm = addPost(request.POST)
def update post(request, id):
            fm.save()
```

```
return render(request, 'registration/userProfile.html',
{'form':fm})

stud = UserProfile.objects.filter(username=request.user)
    return render(request, 'registration/showProfile.html' , {'stu':stud})

def home(request):
    return render(request, 'home.html')
```

### forms.py

```
'city': forms.TextInput(attrs={'class': 'form-control'}),
```

### tokens.py

### models.py

```
class Post(models.Model):
    postusername = models.CharField(max_length=20)
    postname = models.CharField(max_length=200)
    description = models.CharField(max_length=200)

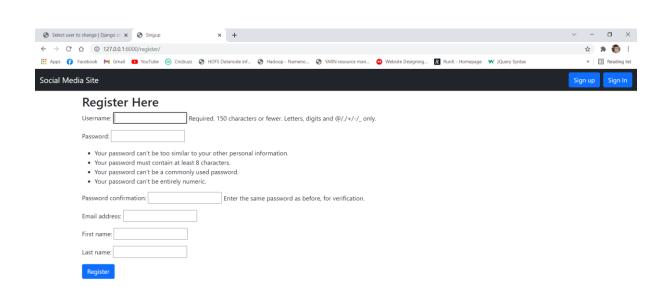
class UserProfile(models.Model):
    username = models.CharField(max_length=20)
    email = models.EmailField(max_length=20)
    email = models.CharField(max_length=10)
    mobileno = models.CharField(max_length=10)
    gender = models.CharField(max_length=6)
    city = models.CharField(max_length=6)
    profile = models.CharField(max_length=6)
    profile = models.ImageField(upload_to = "images/")
    document = models.FileField(upload_to = "docs/")
```

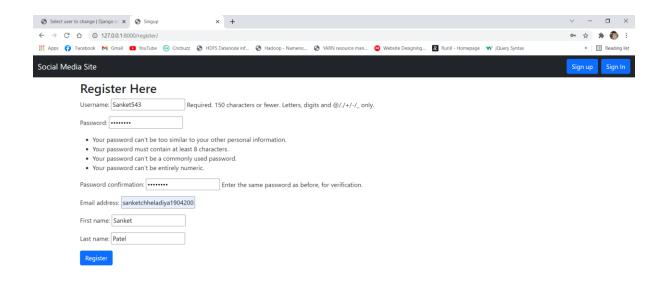
### signup.html

### Login.html

# Screenshots (signin/signup page)

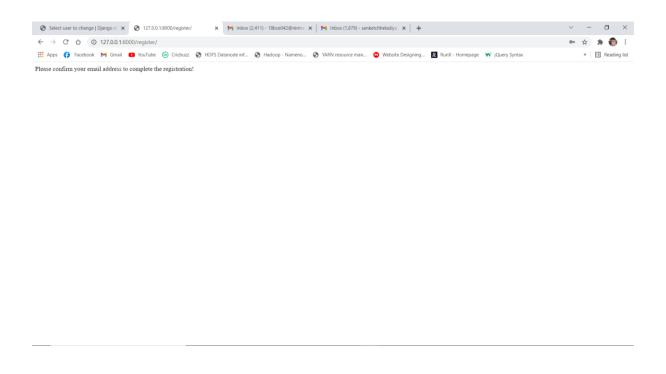






# Q2:-

Verify the user mail id by sending them verification mail. User must verify his/her mail id before create/react/view any post on social media platform



- acc\_active\_sent.html

```
{% extends 'base.html' %}

{% block content %}

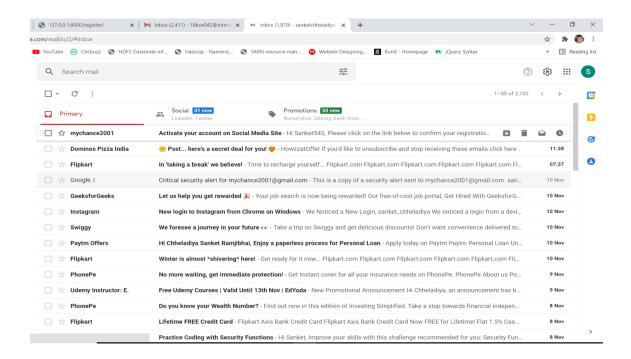
Please confirm your email address to complete the registration. 
{% endblock %}
```

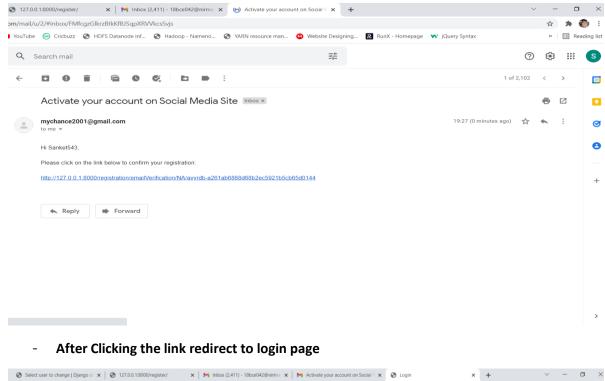
- acc\_active\_email.html

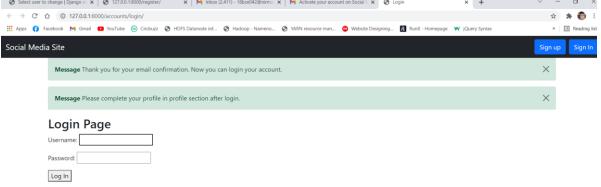
```
{% autoescape off %}
Hi {{ user.username }},
Please click on the link below to confirm your registration:
http://{{ domain }}{% url 'emailActivate' uidb64=uid token=token %}
{% endautoescape %}
```

emailVerification.html

```
Hi ,
Please click on the link to confirm your registration,
http://{{ domain }}/emailVerification/{{ uid }}/{{ token }}
```



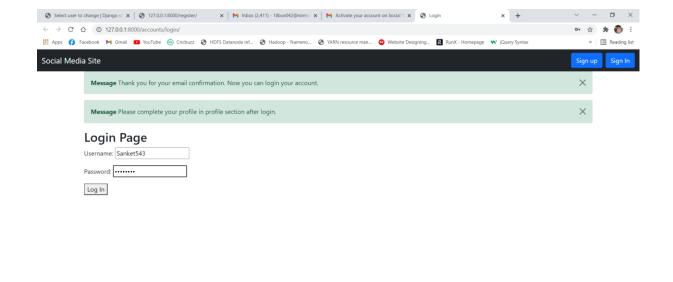


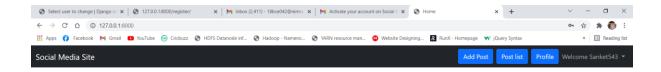


# Q3:-

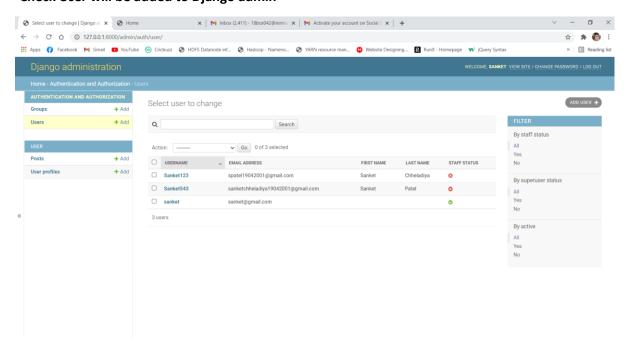
Once the user verifies his/her email id, redirect them to fetch the extra information about users using Django.Forms- Extra information of users that are to be collected are as mentioned below:

a. Birth Date, Calculate Age based on entered date, mobile no, gender, city, pincode, state {Use Django Fields, Widgets and Attributes}



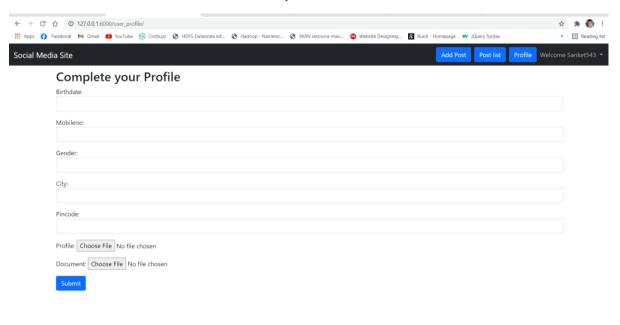


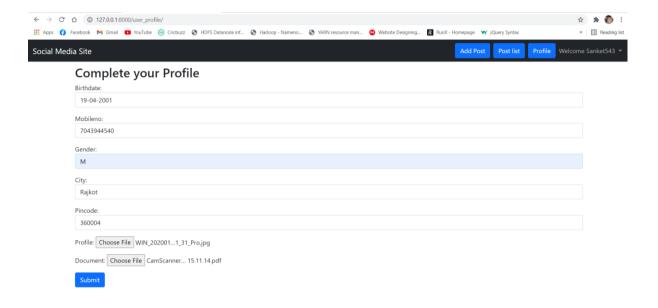
## -Check User will be added to Django admin



### - userProfile.html

## -Add Extra Information about user and make profile



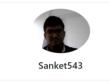


-After submit profile page looks like below we can see uploaded photo and documents about us by clicking click here link.

### -showProfile.html

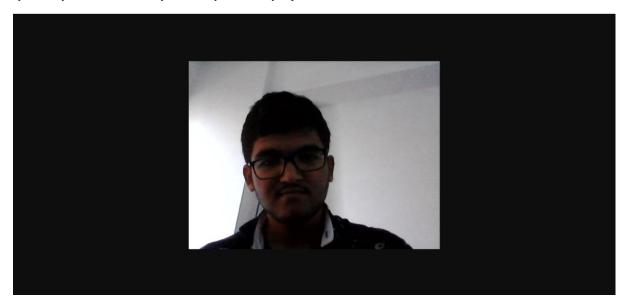
```
<div class="col-md-8">
        </div>
        </div>
      </div>
          <h6 class="mb-0">Email Address</h6>
        </div>
        </div>
      </div>
        </div>
      </div>
        </div>
        </div>
      </div>
        </div>
        </div>
      </div>
```

```
<div class="col-sm-9 text-secondary">
                              </div>
                                 </div>
                              </div>
                                    <h6 class="mb-0">Document</h6>
                                 </div>
                              </div>
                       </div>
                   </div>
                </div>
     </div>
      </div>
← → C ☆ ① 127.0.0.1:8000/user_profile/
                                                                                                                     ☆ * *
🔛 Apps 👣 Facebook 💌 Gmail 🔼 YouTube 📵 Cricbuzz 🚱 HDFS Datanode inf... 😵 Hadoop - Nameno... 🚳 VARN resource man... 🔞 Website Designing... 🔃 RunX - Homepage 💜 jQuery Syntax
                                                                                                                      » III Reading lis
Social Media Site
                                                                                                           Profile Welcome Sanket543
```

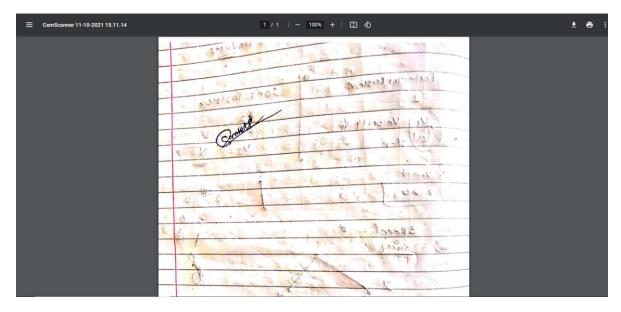


| User Name       | Sanket543                          |
|-----------------|------------------------------------|
|                 |                                    |
| Email Address   | sanketchheladiya19042001@gmail.com |
| Birth Date      | 19-04-2001                         |
| Mobile No       | 7043944540                         |
| Gender          | М                                  |
| City            | Rajkot                             |
| Pincode         | 360004                             |
| Profile Picture | Click here                         |
| Document        | <u>Click here</u>                  |

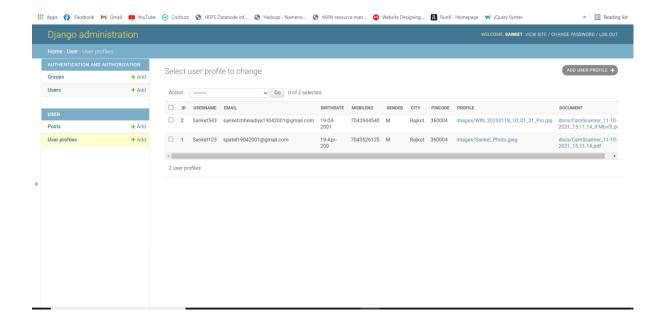
# -profile picture clicked uploaded photo display



# -Document clicked uploaded document display

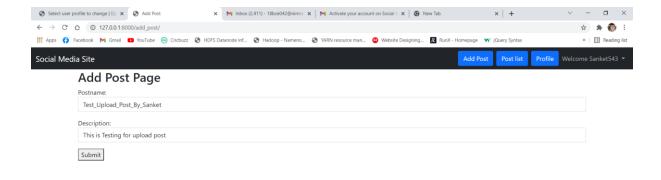


-We can see Django admin page updates with above changes.

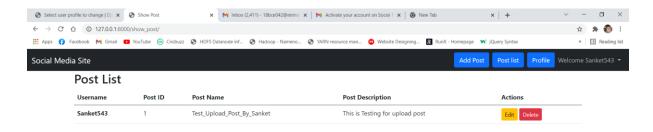


### -Now Add Post

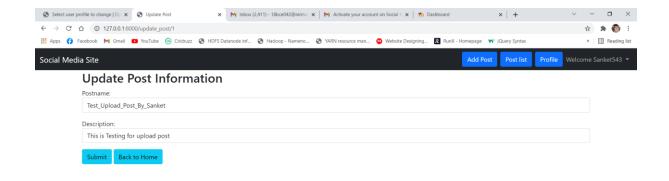
### -addPost.html



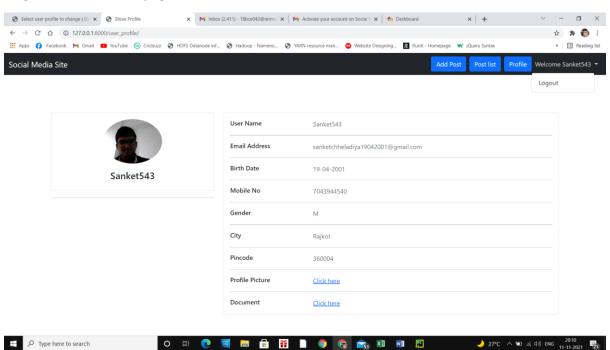
### -showPost.html

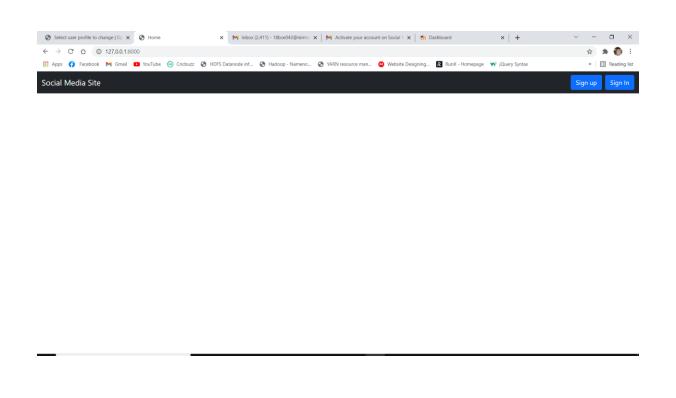


## -updatePost.html



### -Logout leads to home page





-----Thank You-----