ADF Practical – 4 Steps

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-Submitted To: - Prof. Dvijesh Bhatt

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.

```
<span class="navbar-toggler-icon"></span>
id="navbarSupportedContent">
            Add Post
                Post list
              </a>
id="navbarDropdown" role="button" data-bs-toggle="dropdown" aria-
            </a>
              </a>
          </div>
        </div>
      </nav>
            <button type="button" class="btn-close" data-bs-dismiss="alert"</pre>
aria-label="Close"></button>
      </div>
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.1/dist/js/bootstrap.bundle.
/bQdsTh/da6pkI1MST/rWKFNjaCP5gBSY4sEBT38Q/9RBh9AH40zEOg7Hlq2THRZ"
crossorigin="anonymous"></script>
  </body>
</html>
```

Home.html

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

urls.py

```
from django.contrib import admin
from django.urls 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_add_post"),
    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()
uid = force text(urlsafe base64 decode(uidb64))
user = User.objects.get(pk=uid)
user.save()
```

```
if(fm.is valid()):
def show post(request):
def update post(request, id):
def view profile(request):
       fm=ProfileForm()
```

```
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

```
from django.contrib.auth.forms import UserCreationForm
class RegisterForm(UserCreationForm):
```

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 = 254)
    birthdate = 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.ImageField(upload_to = "images/")
    document = models.FileField(upload_to = "docs/")
```

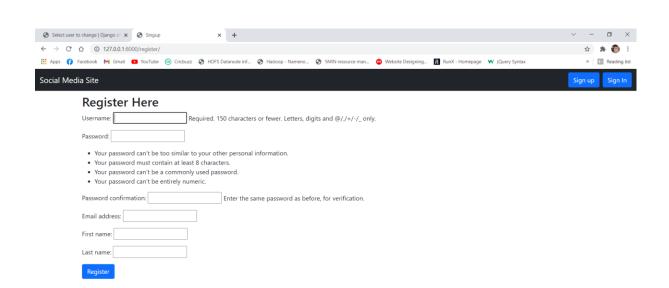
signup.html

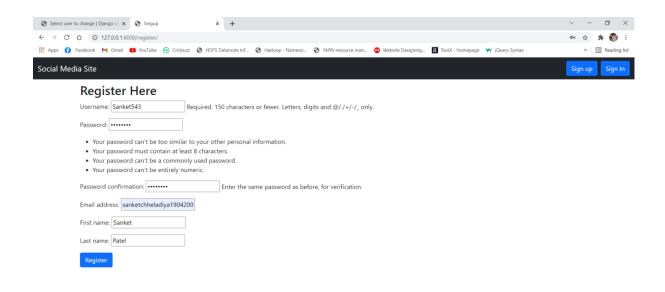
Login.html

```
</form>
</div>
{% endblock body %}
```

Screenshots (signin/signup page)

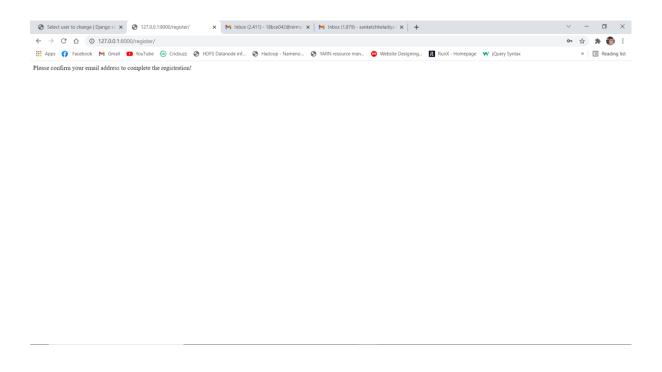






Q2:-

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 %}

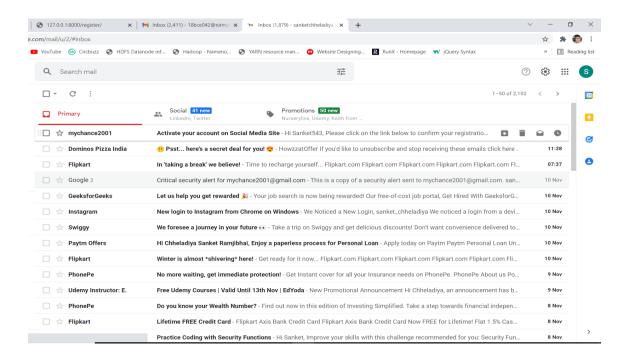
Please confirm your email address to complete the registration. 
{% endblock %}
```

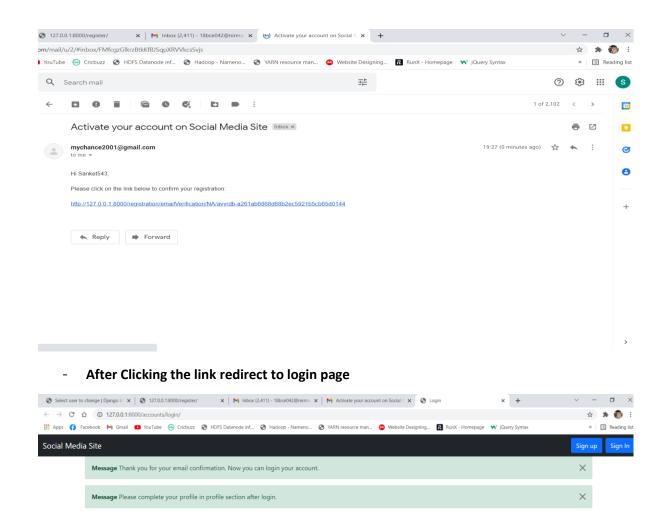
- acc_active_email.html

```
{% 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 }}
```



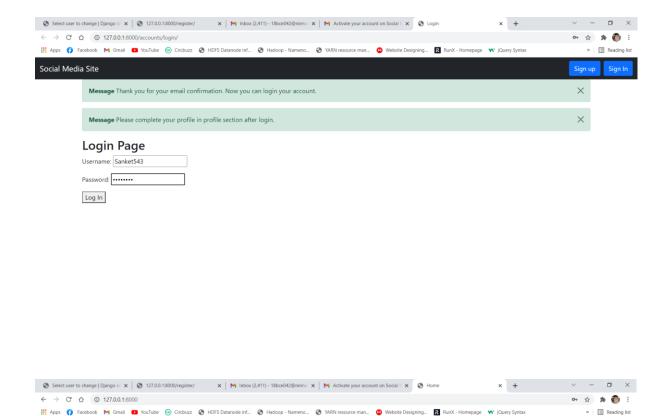


Q3:-

Login Page
Username:
Password:
Log In

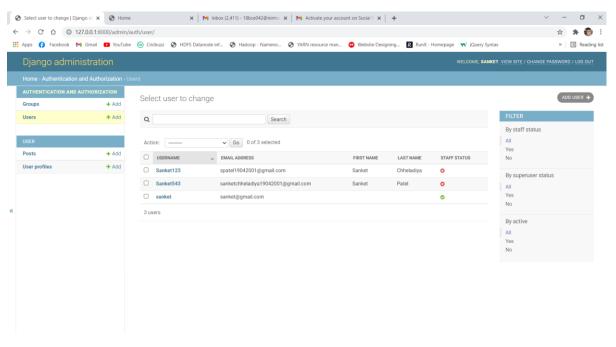
Once the user verifies his/her email id, redirect them to fetch the extra information about users using Django.Forms- Extra information of users that are to be collected are as mentioned below:

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



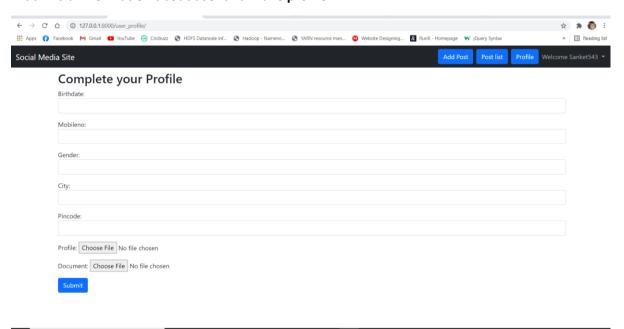
-Check User will be added to Django admin

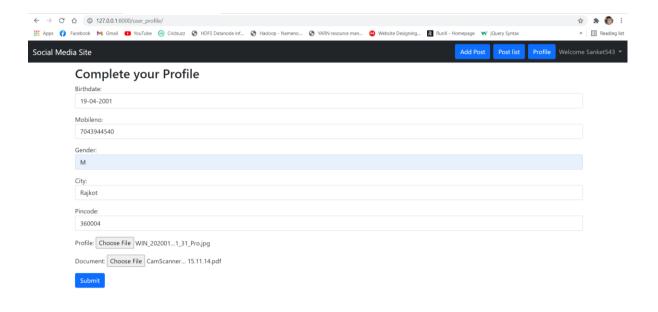
Social Media Site



- 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

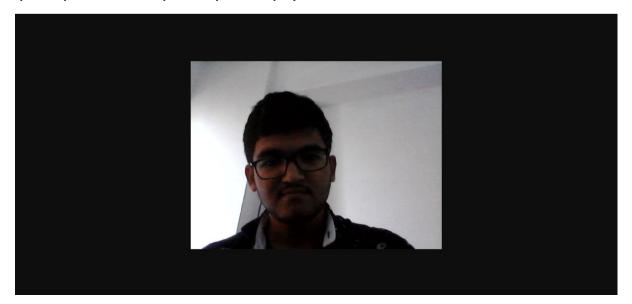
```
<div class="col-md-8">
        </div>
        </div>
        </div>
        </div>
      </div>
      </div>
        </div>
        </div>
      </div>
        </div>
        </div>
      </div>
        </div>
      </div>
```

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

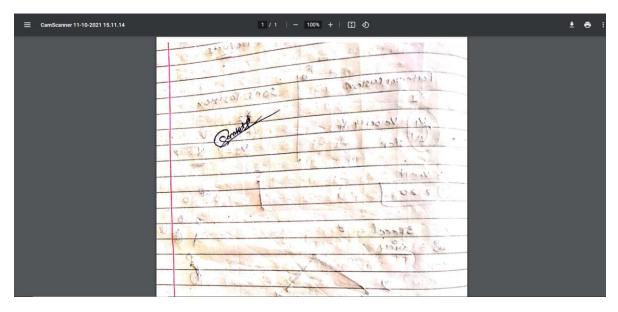


User Name	Sanket543
Email Address	sanketchheladiya19042001@gmail.com
Birth Date	19-04-2001
Mobile No	7043944540
Gender	М
City	Rajkot
Pincode	360004
Profile Picture	<u>Click here</u>
Document	Click here

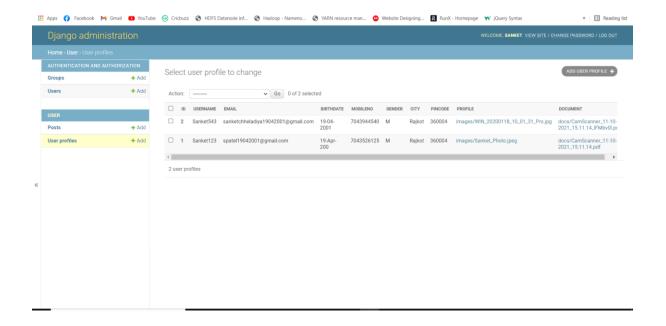
-profile picture clicked uploaded photo display



-Document clicked uploaded document display

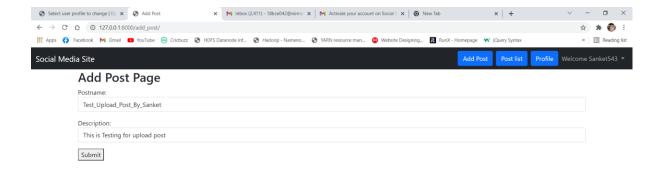


-We can see Django admin page updates with above changes.

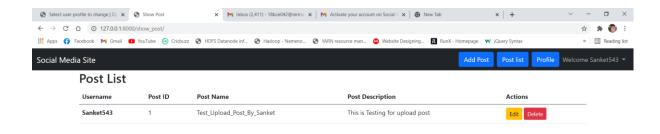


-Now Add Post

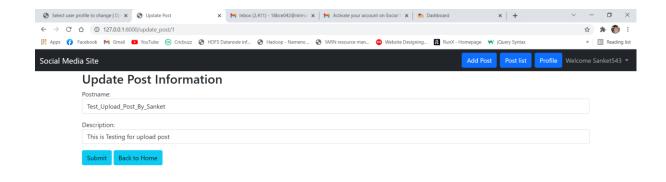
-addPost.html



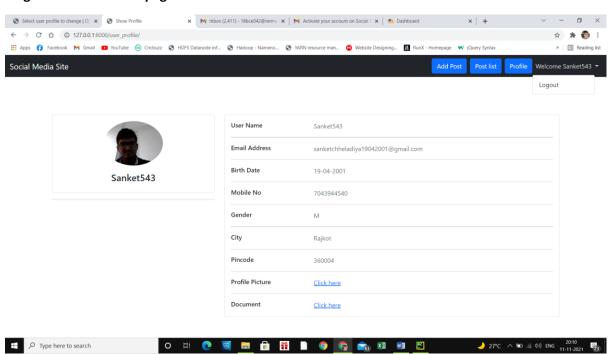
-showPost.html

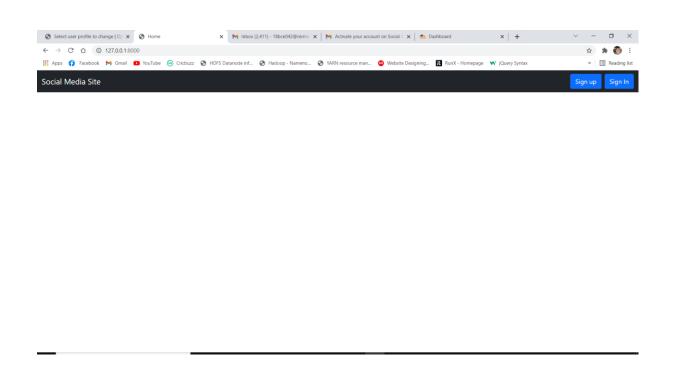


-updatePost.html



-Logout leads to home page





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