Practical 6

Aim: Continue with the social media application using the Django platform.

Admin module customization hands-on. After hands-on perform following tasks for the social media application.

Design an admin module with dashboard and grant management privileges like admin can update and delete the content of any user.

Preform CRUD operation and connect database with your social media website. Store all the data and retrieve the data according the user.

Creating Django project:

django-admin startproject Practical4_SocialMedia

Creating New App:

python manage.py startapp Registration

Creating Super User:

python manage.py create superuser

Registration/admin.py:

```
from django.contrib import admin
from .models import Registration, SocialMediaPost

admin.site.register(Registration)
```

```python
class PostDetails(admin.ModelAdmin):
    list_display = ('username', 'title', 'description')
    ordering = ['-username']


admin.site.register(SocialMediaPost, PostDetails)
```

Registration/urls.py:

```python
from django.urls import path
from .views import *

urlpatterns=[
    path('',UserRegistration.as_view(),name='registration'),
    path('submitpost',UserPost.as_view(),name='mediapost'),
    path('allpost',DisplayPosts.as_view(),name='displaypost'),
    path('<int:pk>/update/',UpdatePassword.as_view(),name='updatepassword'),
    path('login',Login.as_view(),name="login"),

    path('registerform',register),
    path('addpostform',user_Post),
    path('displayallposts',display_post),
    path('forgotpassword',forgot_password),
    path('loginform',login_user),

]
```

Output:

Django administration

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

| Groups | + Add |
| Users | + Add |

REGISTRATION

| Allpostss | + Add |
| Registrations | + Add |

Select registration to change

ADD REGISTRATION +

Action: ———— Go   0 of 2 selected

REGISTRATION

Registration object (2)

Registration object (1)

2 registrations

WELCOME Pratyush VIEW SITE / CHANGE PASSWORD / LOG OUT