- 3) Create a model role and link with the user model
- 4) Create an Api to register user

models.py

Serializers.py

```
from rest_framework import serializers
from django.contrib.auth.models import User
from .models import Role

class UserSerializer(serializers.ModelSerializer):
    password = serializers.CharField(write_only=True)

    class Meta:
        model = User
        fields = ('username', 'first_name', 'last_name', 'email','password')

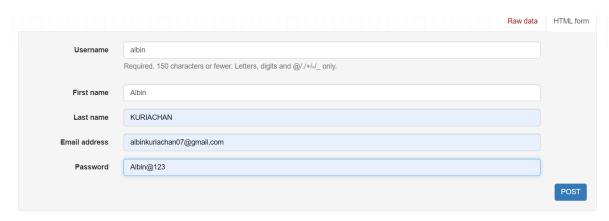
def create(self, validated_data):
    user = User.objects.create_user(**validated_data)
    return user

class RoleSerializer(serializers.ModelSerializer):
    class Meta:
        model = Role
        fields = ['id', 'role', 'user']
```

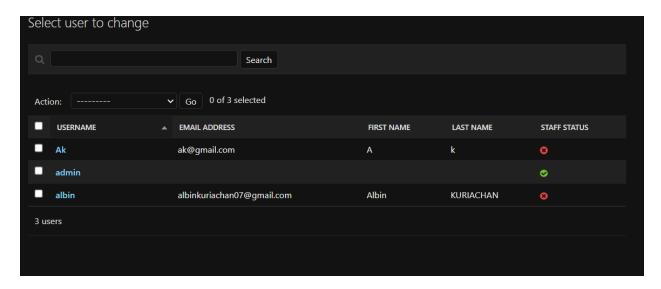
Views.py

```
from rest framework import generics
from .models import Role
from .serializers import UserSerializer, RoleSerializer
from django.contrib.auth.models import User
class UserRegistrationView(generics.CreateAPIView):
    queryset = User.objects.all()
    serializer class = UserSerializer
class UserDisplayView(generics.ListAPIView):
    queryset = User.objects.all()
    serializer class = UserSerializer
class RoleCreateView(generics.CreateAPIView):
    queryset = Role.objects.all()
    serializer class = RoleSerializer
class RoleDisplayView(generics.ListAPIView):
    queryset = Role.objects.all()
    serializer class = RoleSerializer
```

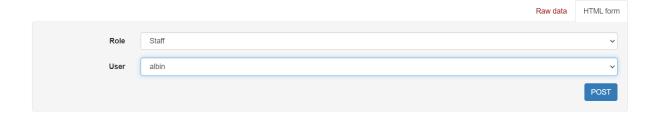
User Creation



Admin Pannel - User



Post-Role



Admin Pannel - Role

