

1. In settings.py file, app was not defined, need to add movies app here in this list.

```
# Application definition

INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'rest_framework',
    'django_filters',
    'authentication',
]
```

2. Anyone can register, the permission needs to be AllowAny

```
class RegisterView(generics.CreateAPIView):
    queryset = User.objects.all()
    permission_classes = (IsAdminUser,)
```

3. User model has no field named password2

```
class Meta:
    model = User
    fields = ('username', 'password', 'password2', 'email', 'first_name', 'last_name')
```

4. In user validation, checking this wrong validation code, need to remove those commented out codes

```
def validate(self, attrs):
    # if attrs['password'] == attrs['password2']:
    #     raise serializers.ValidationError({"password": "Password fields didn't match."})
```

5. Password2 was read_only = false field, need to make it write_only=True

```
password2 = serializers.CharField(
    write_only=True, required=True,
)
```

6. Added user foreign key field in movies model
7. And many more, implemented in the code section