signup example Reddit

```python
from django.contrib.auth.models import User
from django.contrib.auth import authenticate, login , logout

def SignUpUser(request):

    name = request.GET['Sname']
    passs = request.GET['Spass']

    if not name or not passs:
        return render(request, 'index.html', {'error': 'plz enter all values'})
    else:
        try:

            try:

                user = User.objects.get(username=name, password=passs)
                return render(request, 'index.html', {'error': 'user name is not avalable'})

            except User.DoesNotExist:

                opp = User.objects.create(username=name)
                opp.set_password(passs)
                opp.save()
                return render(request, 'index.html')

        except Exception as e:

            return render(request, 'index.html', {'error': 'error occure {}'.format(e)})
```

index.html

```html
{% if error %}
    <h1 style="color: red">{{ error }}</h1>
{% endif %}
```

login example Reddit

```python
@csrf_exempt
def LoginUser(request):
    name=request.POST['Lname']
    passs = request.POST['Lpass']

    if not name or not passs:
        return render(request, 'index.html', {'error': 'plz enter all values'})
    else:
        user = authenticate(request, username=name, password=passs)

        if user is not None:
            login(request, user)
            return redirect('Gohome')   // in urls url(r'^home/', Posts.views.GoHome,name='Gohome'),

        else:
            return render(request, 'index.html', {'error': 'User name or password not matched'})
```

index.html

```
{% if error %}
   <h1 style="color: red">{{ error }}</h1>
{% endif %}
```

check user login or not in html , and also how to logout
ex - Reddit

{% if user.is_authenticated %}

```
<div><a href="#" onclick="document.getElementById('LogoutForm').submit()">Logout</a></div>

<form action="{% url 'Accounts:logout' %}" method="post" id="LogoutForm">
        <input type="hidden">
</form>
```

{% else %}

```
    <form action="{% url 'Accounts:login' %}" method="post">

        <input id="Lname" name="Lname" placeholder="name"/>
        <input id="Lpass" name="Lpass" placeholder="password"/>
        <button>Login</button>

    </form>
```

{% endif %}

urls

url(r'^logout/$', views.LogoutUser, name="logout"),\

views.py

```
@csrf_exempt
def LogoutUser(request):
   if request.method == "POST":
     logout(request)
     return redirect('index')
```

check user login or not

views.py

from django.contrib.auth.decorators import login_required

```
@login_required(login_url='/')
def CreatePost(request):
```

url ex1

from accounts import views

url(r'^$', views.index, name="index"),

url ex2

import accounts.views
import Alogin.views

url(r'^Login/$', Alogin.views.login, name="Nlogin"),
url(r'^$',   signup.views.index, name="index"),

url redirect

urls
import Accounts.urls
from django.urls.conf import include

url(r'^accounts/',include(Accounts.urls)),

Accounts is name of the app we created

Accounts.urls

app_name='Accounts'

url(r'^signup/$', views.SignUpUser, name="signup"),
url(r'^login/$', views.LoginUser, name="login"),

in html

<form action="{% url 'Accounts : login' %}" method="post">

json

```
  # s = django.core.serializers.serialize('json', [User.objects.get(first_name=query)])
        # o = s.strip("[]")
        # return HttpResponse(s)
```