DJANGO TASK 6

```
Microsoft Windows [Version 10.0.22631.3296]
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D:\Beinex\Python _task\18.03.2024>python -m venv env

D:\Beinex\Python _task\18.03.2024>.\env\Scripts\activate

(env) D:\Beinex\Python _task\18.03.2024>pip install django
Collecting django
  Using cached Django-5.0.3-py3-none-any.whl.metadata (4.2 kB)
Collecting asgiref<4,>=3.7.0 (from django)
  Using cached asgiref-3.7.2-py3-none-any.whl.metadata (9.2 kB)
Collecting sqlparse>=0.3.1 (from django)
  Using cached sqlparse-0.4.4-py3-none-any.whl.metadata (4.0 kB)
Collecting tzdata (from django)
  Using cached tzdata-2024.1-py2.py3-none-any.whl.metadata (1.4 kB)
Using cached Django-5.0.3-py3-none-any.whl (8.2 MB)
Using cached asgiref-3.7.2-py3-none-any.whl (24 kB)
Using cached sqlparse-0.4.4-py3-none-any.whl (41 kB)
Using cached tzdata-2024.1-py2.py3-none-any.whl (345 kB)
Installing collected packages: tzdata, sqlparse, asgiref, django
Successfully installed asgiref-3.7.2 django-5.0.3 sqlparse-0.4.4 tzdata-2024.1

(env) D:\Beinex\Python _task\18.03.2024>django-admin startproject shoping

(env) D:\Beinex\Python _task\18.03.2024>cd shoping

(env) D:\Beinex\Python _task\18.03.2024\shoping>python manage.py startapp app_shop

(env) D:\Beinex\Python _task\18.03.2024\shoping>code .
```

View.py

```python
from django.shortcuts import redirect, render
from django.contrib.auth import authenticate, login, logout
from django.contrib.auth.decorators import login_required
from app_shop.models import Account
from .forms import LoginCredentials


def user_login(request):
    if request.method == 'POST':
        form = LoginCredentials(request.POST)
        if form.is_valid():
            username = form.cleaned_data['username']
            password = form.cleaned_data['password']
            user = authenticate(username=username, password=password)
            if user is not None:
                login(request, user)
                login_count = request.COOKIES.get('login_count', 0)
                login_count = int(login_count) + 1
                response = redirect('index')
                response.set_cookie('login_count', login_count)
                return response

            else:
                request.session.setdefault('failed_attempts', 0)
                request.session['failed_attempts'] += 1
                failed_attempts = request.session.get('failed_attempts', 0)
                return render(request, 'login.html', {'form': form, 'error_message': 'Invalid credentials','failed_attempts':failed_attempts})

    else:
        form = LoginCredentials()
    return render(request, 'login.html', {'form': form})


def user_logout(request):
    logout(request)
    return redirect('user_login')
```

```python
@login_required(login_url='/user_login/')
def index(request):
    user_id = request.user.id
    display=Account.objects.filter(user_id=user_id)
    login_count = request.COOKIES.get('login_count', 0)

    return render(request, 'index.html', {'display': display,'count': login_count})


@login_required(login_url='/user_login/')
def count(request):
    failed_attempts = request.session.get('failed_attempts', 0)
    succes_attempts = request.COOKIES.get('login_count', 0)
    return render(request, 'count.html', {'succes_attempts': succes_attempts,'failed_attempts':failed_attempts})
```

Model.py

```python
from django.db import models
from django.contrib.auth.models import User

# Create your models here.

class Account(models.Model):
    user = models.OneToOneField(User, on_delete=models.CASCADE)
    age = models.IntegerField(null=True, blank=True)
    Job=models.CharField(max_length=100,null=True, blank=True)
```

Urls.py

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

urlpatterns = [
    path('',views.index,name="index"),
    path('user_login/',views.user_login,name="user_login"),
    path('user_logout/',views.user_logout,name="user_logout"),
    path('count/',views.count,name="count"),


]
```

Login.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Add Book</title>
    <style>...
    </style>
</head>
<body>
    <div class="container">
        <h1>Enter Your Credentials</h1>
        <form method="post"  enctype="multipart/form-data">
            {{error_message}}
            {% csrf_token %}
            {{ form.as_p }}
            <button>Submit</button>
        </form>
    </div>
</body>
</html>
```
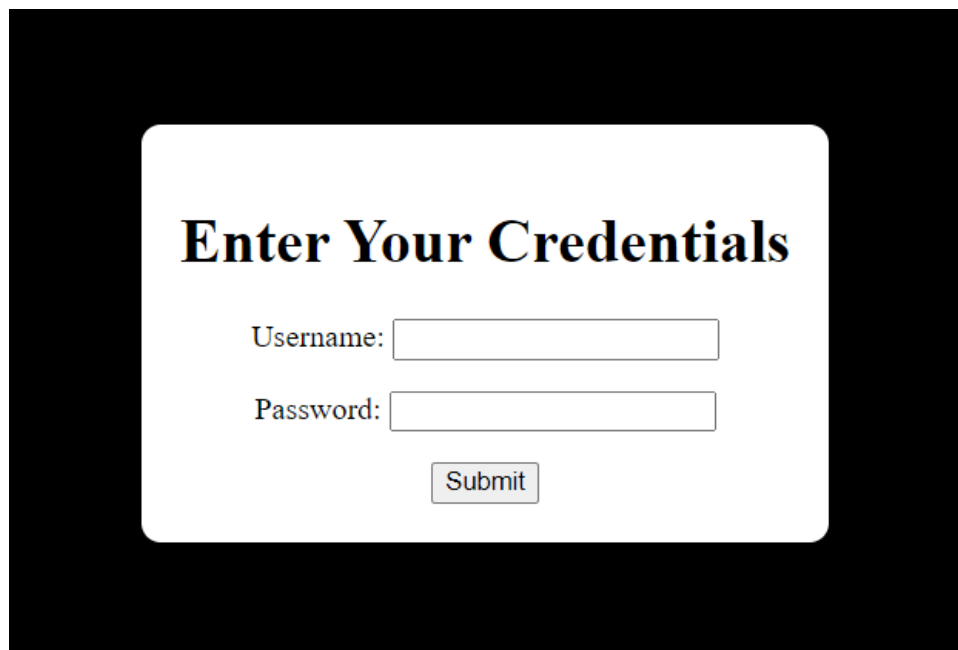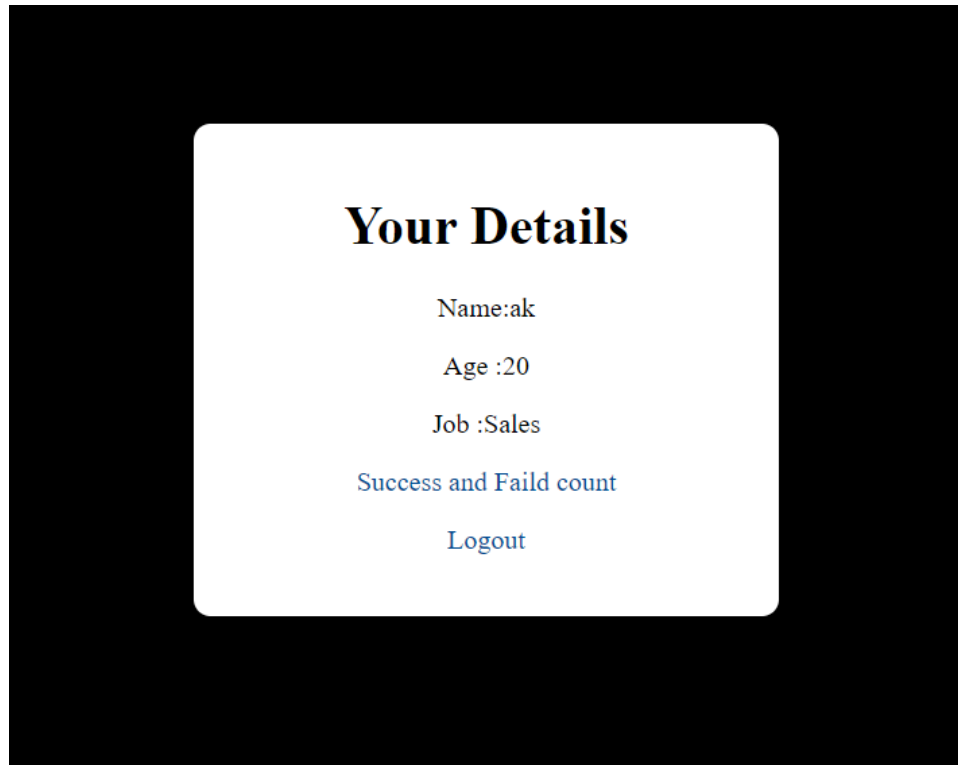
Index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title></title>
    <style>...
    </style>
</head>
<body>
    <div class="container">
        <h1> Your Details</h1>
        {% for display in display %}
                <p>Name:{{ display.user}}</p>
                <p>Age :{{ display.age }}</p>
                <p>Job :{{ display.Job }}</p>
        {% endfor %}
        <p><a href="{% url 'count'%}">Sucess and Faild count</a></p>
        <p><a href="{% url 'user_logout'%}">Logout</a></p>

    </div>
</body>
</html>
```

Count.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Add Book</title>
    <style>…
    </style>
</head>
<body>
    <div class="container">
        <h1>Enter Your Credentials</h1>
        <form method="post"  enctype="multipart/form-data">
            {{error_message}}
            {% csrf_token %}
            {{ form.as_p }}
            <button>Submit</button>
        </form>
    </div>
</body>
</html>
```

Login.html Output

Index.html Output

Count.html Output