

User_authentication - signin.html

```
{% extends "home/foundation.html" %}

{% block content %}
<h1>Welcome to the BargainBox Signin Page!</h1>
  <div class = "content section">
    <form method = "POST">
      {% csrf_token %}
      <fieldset class = "form-group">
        <legend class = "border-bottom mb-4">Login to Your
Account!</legend>
        {{form}}
      </fieldset>
      <div class = "form-group">
        <button class="btn btn-outline-info" type =
"submit">Login</button>
      </div>
    </form>
    <div class = "border-top pt-3">
      <small class = "text-muted">
        Don't Have an Account? <a class = "ml-2" href="{%url
'register' %}">Register Now!</a>
      </small>
    </div>

  </div>
{% endblock content %}
```

User_authentication - signout.html

```
{% extends "home/foundation.html" %}

{% block content %}
<h2>You Have Successfully Logged Out!</h2>
  <div class = "border-top pt-3">
    <small class = "text-muted">
      <a class = "ml-2" href="{%url 'signin' %}">Login Again!</a>
    </small>
  </div>
{% endblock content %}
```

User_authentication - views.py

```

from django.shortcuts import render
from django.http import HttpResponseRedirect

##### added (needed for sign out
page to work correctly)
from django.contrib.auth import logout

# Create your views here.
def user_account_registration(request):
    context = {
        'page_title': 'Create an account'
    }
    return render(request, 'user_authentication/register.html',
context)

def user_account_signin(request):
    context = {
        'page_title': 'Signin'
    }
    return render(request, 'user_authentication/signin.html', context)

#def user_account_signout(request):
#    context = {
#        'page_title': 'Signout'
#    }
#    return render(request, 'user_authentication/signout.html',
context)

##### added (needed for sign out
page to work correctly)
def user_account_signout(request):
    logout(request)
    return render(request, 'user_authentication/signout.html')

```

Users - views.py

```

from django.shortcuts import render, redirect
from django.contrib import messages
from .forms import UserRegisterForm

# Create your views here.
def register(request):
    if request.method == 'POST':

```

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        form = UserRegisterForm(request.POST)
        if form.is_valid():
            form.save()
            username = form.cleaned_data.get('username')
            messages.success(request, f'Your account has been created!
You will now be able to Login!')      ### updated
            return redirect('signin')
        ### updated
        else:
            form = UserRegisterForm()

    return render(request, 'users/register.html', {'form': form})

```

Bargain_box - urls.py

```

"""
URL configuration for bargain_box project.

The `urlpatterns` list routes URLs to views. For more information
please see:
    https://docs.djangoproject.com/en/4.2/topics/http/urls/
Examples:
Function views
    1. Add an import:  from my_app import views
    2. Add a URL to urlpatterns:  path('', views.home, name='home')
Class-based views
    1. Add an import:  from other_app.views import Home
    2. Add a URL to urlpatterns:  path('', Home.as_view(), name='home')
Including another URLconf
    1. Import the include() function: from django.urls import include,
path
    2. Add a URL to urlpatterns:  path('blog/', include('blog.urls'))
"""
from django.contrib import admin
from django.urls import include, path
from home import views as home_views
from user_authentication import views as user_authentication_views
from users import views as user_views

from django.contrib.auth import views as auth_views

urlpatterns = [
    path('', home_views.home_page, name = 'home'),

```

```

    path('register/', user_views.register, name='register'),

    path('register/',
user_authentication_views.user_account_registration, name =
'register'),

    path('signin/', auth_views.LoginView.as_view(template_name =
'user_authentication/signin.html'), name = 'signin'),
    #path('signout/', auth_views.LogoutView.as_view(template_name =
'user_authentication/signout.html'), name = 'signout'),
    path("signout/", user_authentication_views.user_account_signout,
name = 'signout'),

    path('my-profile/', include('user_profile.urls')),
    path('admin/', admin.site.urls, name = 'admin')
]

```

Important change in lines 130 and 131 on settings.py below

Bargain_box - settings.py

```

"""
Django settings for bargain_box project.

Generated by 'django-admin startproject' using Django 4.2.16.

For more information on this file, see
https://docs.djangoproject.com/en/4.2/topics/settings/

For the full list of settings and their values, see
https://docs.djangoproject.com/en/4.2/ref/settings/
"""

from pathlib import Path

# Build paths inside the project like this: BASE_DIR / 'subdir'.
BASE_DIR = Path(__file__).resolve().parent.parent

# Quick-start development settings - unsuitable for production
# See https://docs.djangoproject.com/en/4.2/howto/deployment/checklist/

# SECURITY WARNING: keep the secret key used in production secret!

```

```
SECRET_KEY =
'django-insecure-5u_fvymj7yte2rf!*k0+ib4oe9s))5_x#4b6=ht_to)0rgt5t='

# SECURITY WARNING: don't run with debug turned on in production!
DEBUG = True

ALLOWED_HOSTS = []

# Application definition

INSTALLED_APPS = [
    'home.apps.HomeConfig',
    'users.apps.UsersConfig',
    'user_authentication.apps.UserAuthenticationConfig',
    'user_profile.apps.UserProfileConfig',
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
]

MIDDLEWARE = [
    'django.middleware.security.SecurityMiddleware',
    'django.contrib.sessions.middleware.SessionMiddleware',
    'django.middleware.common.CommonMiddleware',
    'django.middleware.csrf.CsrfViewMiddleware',
    'django.contrib.auth.middleware.AuthenticationMiddleware',
    'django.contrib.messages.middleware.MessageMiddleware',
    'django.middleware.clickjacking.XFrameOptionsMiddleware',
]

ROOT_URLCONF = 'bargain_box.urls'

TEMPLATES = [
    {
        'BACKEND': 'django.template.backends.django.DjangoTemplates',
        'DIRS': [],
        'APP_DIRS': True,
        'OPTIONS': {
            'context_processors': [
```

```

        'django.template.context_processors.debug',
        'django.template.context_processors.request',
        'django.contrib.auth.context_processors.auth',
        'django.contrib.messages.context_processors.messages',
    ],
},
],

WSGI_APPLICATION = 'bargain_box.wsgi.application'

# Database
# https://docs.djangoproject.com/en/4.2/ref/settings/#databases

DATABASES = {
    'default': {
        'ENGINE': 'django.db.backends.sqlite3',
        'NAME': BASE_DIR / 'db.sqlite3',
    }
}

# Password validation
#
# https://docs.djangoproject.com/en/4.2/ref/settings/#auth-password-validators

AUTH_PASSWORD_VALIDATORS = [
    {
        'NAME':
'django.contrib.auth.password_validation.UserAttributeSimilarityValidator',
    },
    {
        'NAME':
'django.contrib.auth.password_validation.MinimumLengthValidator',
    },
    {
        'NAME':
'django.contrib.auth.password_validation.CommonPasswordValidator',
    },
    {

```

```

        'NAME':
'django.contrib.auth.password_validation.NumericPasswordValidator',
    },
]

# Internationalization
# https://docs.djangoproject.com/en/4.2/topics/i18n/

LANGUAGE_CODE = 'en-us'

TIME_ZONE = 'UTC'

USE_I18N = True

USE_TZ = True

# Static files (CSS, JavaScript, Images)
# https://docs.djangoproject.com/en/4.2/howto/static-files/

STATIC_URL = 'static/'

# Default primary key field type
#
https://docs.djangoproject.com/en/4.2/ref/settings/#default-auto-field

DEFAULT_AUTO_FIELD = 'django.db.models.BigAutoField'

##### Used to Redirect Once Signed In
LOGIN_REDIRECT_URL = 'home'

```

Users - register.html

```

{% extends "home/foundation.html" %}
{% block content %}
    <div class="content-section">
        <form method="Post">
            {% csrf_token %}
            <fieldset class="" form-group>

```

```
        <legend class="border-bottom mb-4">Register for
BargainBox!</legend>
        {{ form.as_p }}
    </fieldset>
    <div class="form-group">
        <button class="btn btn-outline-info"
type="submit">Register</button>
    </div>
</form>
<div class="border-top pt-3">
    <small class="text-muted">
        Already have an account? <a class="ml-2" href="{%url
'signin' %}">Sign In</a>
    </small>
</div>
</div>
{% endblock content %}
```