HTML:

<div class="container">

<div class="form-container sign-up-container">

<form action="/signup/" method="post">

{% csrf\_token %}

<h1>Create Account</h1>

<input type="text" name="username" placeholder="Username" />

<input type="email" name="email" placeholder="Email" />

<input type="password" name="password1" placeholder="Password" />

<button type="submit">Sign Up</button>

</form>

</div>

<div class="form-container sign-in-container">

<form action="/login/" method="post">

{% csrf\_token %}

<h1>Sign in</h1>

<input type="text" name="username" placeholder="Username" />

<input type="password" name="password" placeholder="Password" />

<button type="submit">Sign In</button>

</form>

</div>

<div class="overlay-container">

<div class="overlay">

<div class="overlay-panel overlay-left">

<h1>Welcome Back!</h1>

<button class="ghost" id="signIn">Sign In</button>

</div>

<div class="overlay-panel overlay-right">

<h1>Hello, Friend!</h1>

<button class="ghost" id="signUp">Sign Up</button>

</div>

</div>

</div>

</div>

CSS:

.container {

position: relative;

width: 100%;

max-width: 900px;

min-height: 600px;

overflow: hidden;

}

/\* panels \*/

.sign-in-container, .sign-up-container {

position: absolute;

top: 0;

height: 100%;

transition: all 0.6s ease-in-out;

}

.sign-up-container {

left: 0;

width: 50%;

opacity: 0;

z-index: 1;

}

.sign-in-container {

left: 0;

width: 50%;

z-index: 2;

}

/\* Overlay \*/

.overlay-container {

position: absolute;

left: 50%;

width: 50%;

height: 100%;

overflow: hidden;

transition: transform 0.6s ease-in-out;

}

/\* Panels inside overlay \*/

.overlay-panel {

position: absolute;

width: 100%;

height: 100%;

display: flex;

align-items: center;

justify-content: center;

flex-direction: column;

text-align: center;

}

/\* Animations when container has a particular class \*/

.container.right-panel-active .sign-in-container {

transform: translateX(100%);

}

.container.right-panel-active .sign-up-container {

transform: translateX(100%);

opacity: 1;

z-index: 5;

}

.container.right-panel-active .overlay-container {

transform: translateX(-100%);

}

JavaScript:

const signUpButton = document.getElementById('signUp');

const signInButton = document.getElementById('signIn');

const container = document.querySelector('.container');

signUpButton.addEventListener('click', () => {

container.classList.add("right-panel-active");

});

signInButton.addEventListener('click', () => {

container.classList.remove("right-panel-active");

});

Python:

# users/views.py

from django.shortcuts import render, redirect

from django.contrib.auth.forms import AuthenticationForm, UserCreationForm

from django.contrib.auth import login, authenticate

def login\_view(request):

if request.method == "POST":

form = AuthenticationForm(request, data=request.POST)

if form.is\_valid():

user = form.get\_user()

login(request, user)

return redirect('student\_dashboard')

else:

form = AuthenticationForm()

return render(request, "users/login\_signup.html", {"login\_form": form})

def signup\_view(request):

if request.method == "POST":

form = UserCreationForm(request.POST)

if form.is\_valid():

user = form.save()

# possibly log in directly or redirect

login(request, user)

return redirect('student\_dashboard')

else:

form = UserCreationForm()

return render(request, "users/login\_signup.html", {"signup\_form": form})

ChatGPT Reference link: https://chatgpt.com/share/68e5dec4-d244-8002-a53e-2a8e72b2b591