

EXERCISE 2.6: USER AUTHENTICATION IN DJANGO

REFLECTION QUESTIONS

1. IN YOUR OWN WORDS, WRITE DOWN THE IMPORTANCE OF INCORPORATING AUTHENTICATION INTO AN APPLICATION. YOU CAN TAKE AN EXAMPLE APPLICATION TO EXPLAIN YOUR ANSWER.
 - THE MAIN IMPORTANCE OF INCORPORATING AUTHENTICATION IS DATA SECURITY, USER PRIVACY, PERSONALIZED EXPERIENCES, AND ACCOUNT MANAGEMENT.
2. IN YOUR OWN WORDS, EXPLAIN THE STEPS YOU SHOULD TAKE TO CREATE A LOGIN FOR YOUR DJANGO WEB APPLICATION.
 - FIRST START WITH THE VIEWS.PY FOR THE PROJECT IMPORTING AUTHENTICATE, LOGIN, AND AUTHENTICATIONFORM AND CREATE FUNCTIONS FOR LOGIN AND LOGOUT. THEN CREATE THE TEMPLATE UNDER SRC/TEMPLATES/AUTH/LOGIN.HTML WITH THE FORM TO BE DISPLAYED AND UPDATE THE PROJECT'S SETTINGS.PY IN THE 'DIR':[] TO ADD THE TEMPLATE. NEXT URL MAPPING IN THE APP.UURLS.PY THEN THE PROJECT URLS.PY MAKING SURE TO IMPORT THE VIEWS
3. LOOK UP THE FOLLOWING THREE DJANGO FUNCTIONS ON DJANGO'S OFFICIAL DOCUMENTATION AND/OR OTHER TRUSTED SOURCES AND WRITE A BRIEF DESCRIPTION OF EACH.

Function	Description
authenticate()	verify a user's credentials (username and password) against the authentication backend.
redirect()	utility provided by Django to generate an HTTP response that redirects the user to a different URL.
include()	URL configuration to reference other URLconfs.