2.6 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.

Authentication is important to protect users' information. If a service wants users to have their own information accessible in their account, it's best practice to have this info only available to each user.

2. In your own words, explain the steps you should take to create a login for your Django web application.

1. Add django.contrib.auth to INSTALLED_APPS in settings.py
2. Create a login view, you can use Django's built-in LoginView
3. Add the URL pattern to urls.py
4. Create a login html template
5. Protect views with LoginRequiredMixin

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.

authenticate() a function in Django that verifies a set of credentials. The most common arguments you would pass this function would be username and password.

redirect() function in Django that returns an HTTP redirect to a particular URL. This is commonly used to redirect users after form submissions or other actions.

include() used to include other URL configurations. IT allows you to reference other URLconfs, making it easier to manage large applications by splitting URL patterns into multiple modules.