

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.

-For any website that holds personal user information, even something as simple as recipes, it's important for that information to be protected. Authentication allows only the specific user to access this information.

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

-The first step is to incorporate the authentication system for Django, in the project's settings.py file add 'django.contrib.auth' in the INSTALLED\_APPS section. Then you can follow these steps,

- Create a login view
- Create a logout view
- Map and register the urls for the views
- Protect views with authentication
- Create templates for 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.

authenticate()-Takes the user credentials as parameters and validates them, if validated returns a user object and if not returns none.

redirect()-Takes URL of page user is directed to, returns view of page and displays corresponding template in browser.

include()-Adds URL from the apps directory to the main urls.py file in the project directory.