

## Exercise 2.6: User Authentication in Django

### Learning Goals

- Create authentication for your web application
- Use GET and POST methods
- Password protect your web application's views

### 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.

Incorporation authentication you can set up your website to cater to each individual user. With authentication a site can be customized and specific information unique to each user can be displayed.

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

Four step process:

1. Create the view.
2. Create the template.
3. Specify the URL mapping (although you'll skip this step in this instance).
4. Register the URL to the project.

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.

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Function	Description
authenticate()	- verifies a set of credentials. It takes credentials as keyword arguments, username and password for the default case, checks them against each authentication backend, and returns a User object if the credentials are valid for a backend.

`redirect()` - allows us to redirect a user to the URL of our choice.

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`include()` - A function that takes a full Python import path to another URLconf module that should be “included” in this place.

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