

Journal Entry 2.6

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 verify the identity of the user so the app can know what authority the user has and what operations it can perform on the database. It is also used to help keep a user's information safe from hackers or other users.

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

First, create a view for you login function in views.py. This contains a POST request when the users hits the login button, then it checks if the user is valid using authenticate(). If the user is valid they are redirected to the requested page. Second you can build your template folders to have a login page, login.html and finally register the url.

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()	This is a Django function that verifies a set of credentials. It checks these credentials against each authentication backends and returns a user object if the credentials are valid. If not it returns none.
redirect()	This is a Django function that allows your to perform an HTTP redirect. It redirects users from one URL to another.
include()	This is a Django function that manages the URL routing in your application. It chops off whatever part of the URL matched up to that point and send the remaining string to the included URL configuration for further processing.