

Exercise 2.8: Deploying a Django Project

Learning Goals

- Enhance user experience and look and feel of your web application using CSS and JS
- Deploy your Django web application on a web server
- Curate project deliverables for your portfolio

Reflection Questions

1. Explain how you can use CSS and JavaScript in your Django web application.

To use CSS and Javascript in your Django application you would first need to create a static folder which is under the recipes folder. Then you would need to be able to create CSS and Javascript files which should be located in the static folder. And finally, you would need to add the CSS functions and Javascript functions with your HTML document.

2. In your own words, explain the steps you'd need to take to deploy your Django web application.

The steps that need to be taken to deploy your Django web application is to clear any sensitive information like keys, then make a .gitignore file which avoids pushing unnecessary files to the production environment. After this a Procfile needs to be created with Gunicorn installed and configure the app to be used on the provider that is hosting. Then the settings.py needs to be updated to have static files in the production environment and install the whitenoise package. After this we would need to create a file called requirements.txt to duplicate the development environment to our production environment. After this we can finally be able to push to GitHub. Finally when on github we make sure to push to Heroku.

3. You've now finished Achievement 2 and, with it, the whole course! Take a moment to reflect on your learning:

- a. What went well during this Achievement?

The learning of Django went well with this project even though these are the basics of Django and there is much more to learn, being able to learn and put that learning to work is what went well in this project

- b. What's something you're proud of?

Something I am proud of is being able to time manage all of these tasks and complete it in a timely manner.

- c. What was the most challenging aspect of this Achievement?

The most challenging aspect of this achievement was the testing as I have always struggled with this. I am learning more and more about this everyday which allows me to get better and better on this learning curve.

- d. Did this Achievement meet your expectations? Did it give you the confidence to start working with your new Django skills?

This achievement went beyond my expectations. This did give me confidence to start working with my new Django skills.

Well done—you've now completed the Learning Journal for the whole course.