

Task 2.8:

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

I created a folder named 'static', which I put inside of my 'recipes' folder. I then need to create my CSS and JS files that will be located inside of my newly created 'static' folder. I then need to refer to the CSS and JavaScript files in my HTML templates as follows:

```
<head>
<link rel = "stylesheet" href = "{% static 'recipes/css/styles.css' %}">
</head>
<body>
<script src="{% static 'recipes/js/js.js' %}"></script>
</body>
```

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

We need to clear sensitive information (such as keys), create a .gitignore file to avoid pushing files that will not be needed in our production environment. We will need to create a Procfile, install Gunicorn, and configure our app to be used on the hosting service provider. After that, we have to update our settings.py file to handle static files when in the production environment and also install the whitenoise package. Eventually, we need to create a requirements.txt file to replicate our development environment to our production environment. Then, we can push our app to GitHub. When on GitHub, we need to push the app to Heroku or whichever hosting service you prefer.