Terraform Task

We have created some initial terraform code to begin the process of deploying a basic web application.

As part of our selection process, we would like you to perform the steps below to demonstrate your knowledge of Infrastructure-as-Code good-practice:

1. Place the code for this task in a local git repository
2. Commit terraform changes to your local copy that:
   a. Fixes any outstanding Terraform errors
   b. Help decrease HCL code repetition
   c. Improves code collaboration
   d. Helps future developers
   e. Add a file named TODO.txt with any additional observations and further infrastructure/code recommendations for how this could be turned into a resilient, secure web application
3. Push your changes to a public repository of your choice.
4. Email the repository URL to s.wilkins@sheffield.ac.uk

Note

We are looking for general best practices and recommend spending no more than 2-3 hours on this task. Whilst we will not be executing any terraform code it should as a minimum pass a **terraform validate** command without error.