# **Network Diagram**

Graphical user interface, application

Description automatically generated

# **Explanation of Diagram**

The entire AWS cloud will contain my N.Virginia region that consists of my DynamoDB, My S3 that contain both public and private. Inside of N.Virginia region, there is VPC that contain all of the web servers in different zone. How my auto scaling works is by default, there should be 2 Web server with different availability zone as to provide resilient in case of natural disaster and will only scale out to create the third Web Server network demands. The auto scaling policy was set this way so that it able to withstand a certain amount of malfunction and can scale up and down based on the demand towards the server. Which promote scalability and elasticity.

As for S3, there is Private and Public, which the public is used for users across the internet to access the content inside the bucket if they have the ip address towards the server. DynamoDB is a service for me to store my databases info and can be filtered into the necessary tuple based on username, password and email address.

# **Screenshot of NoSQL database**

A screenshot of a computer

Description automatically generated