

Samoa Managed Isolation Quarantine App

Introduction

I returned to Samoa in July after three years in Otago and during these unusual times, I have decided since my country does not have an online service for booking and allocating rooms for managed isolation quarantine (this is done manually), to set up a structure similar to the New Zealand MIQ website and services.

Operation

Most of the help I got was from the internet. I struggled to figure out setting up the vagrant file with multiple Virtual Machines (VMs) and I used AWS Console to create three different instances, one running web server, one running database and one acting as an administration console.

I tried creating an app with the 'Beanstalk web app creation wizard' on AWS. I have included my login to AWS for viewing of my account and instances setups.

Delay and Obstacles

The whole project was delayed and rushed due to unseen circumstances. COVID-19 disruptions were a big part as well as awaiting funds to fund the paper when funding ceased from my former sponsor. One week before the assignment was due, I received confirmation that funding was now available for my COSC349 paper. One major obstacle I faced was working from Samoa where costs and access to the internet could be an issue at times with slow and unstable connection. One major issue was working with Windows OS when most of the lab materials use macOS and Linux. It keeps the mind busy navigating and distracted. One main disruption was the funding, where I then thought of deleting the paper until late confirmation of funding from Putea Tautoko to assist with paying this paper.

Disappointment

I am disappointed with both my assignments, but I am hopeful for a better grade from my final exam. I have been under tremendous stress the past few months and it was a big reason of not being able to do these assignments. This is the best I could come up with given the many distractions I am currently facing.

awseducate.com login details:

<https://www.awseducate.com/student/s/classrooms>

username: coleu776@student.otago.ac.nz

password: Q=3s78^N@xjZ&n<

References and free source help

<https://www.vagrantup.com/docs/multi-machine>

<https://blog.scottlowe.org/2016/09/15/using-vagrant-with-aws/>

<https://www.edureka.co/blog/10-steps-to-create-multiple-vm-s-using-vagrant/>

<https://altitude.otago.ac.nz/cosc349/vagrant-multivm/-/blob/master/Vagrantfile>

