**Project Portfolio Management**

**Weekly Project Time Sheet**

**Student Name: Jacob Brown**

**Project Name: Project Digital Doc - Week 3**

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| **Activity** | **Task Description** | **Start Time** | **End Time** | **Total Time** | **Date** |
| Changed load balancer OS from CentOS 8 to Ubuntu 18.04. | This changed will allow for newer versions with longer software support and improved functionality. Current versions Ubuntu 18.04 and HAproxy 2.2.9. | 8:00 am. | 9:00 am | 1 Hour | 02/15/21 |
| Created self-signed SSL certificate. | Created an x509 self-signed SSL certificate with 2048-bit key length for testing the encryption load for production environment. | 9:00 am | 9:30 am | .5 Hour | 02/15/21 |
| Configured HAproxy for SSL traffic. | Configured the certificate to be used by HAproxy for encrypting customer web traffic. | 8:00 am | 9:00 am | 1 Hour | 02/17/21 |
| Configured HAproxy to manage the SSL session. | Configured the SSL to terminate at the load balancer and connect to the SeedDMS web servers. This changes the port from 443 to 80 for web server connection. | 9:00 am | 10:00 am | 1 Hour | 02/17/21 |
| Ansible scripting for automation. | Automating the configuration for self-signed SSL, HAproxy load balancing, and configuration file. Research cron commands for future automation of SSL certifications | 9:00 am | 11:00 am | 2 Hours | 02/18/21 |
| **Total Hours:** | | | | **5.5** | |

**Instructions:** Document the length of time (hours) it takes you to complete each activity you work on and tally the total hours at the bottom. Submit the time sheet to your instructor by end-of-day of every Friday of the week.