Personal Project Reflection

Unit: COIT13146

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CQUniversity Australia

# Tasks Completed

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| **Task** | **Description** |
| Gladstone report section and configured functionality  GitHub external repository | Created GitHub external repository  Configured Github repository to Dokuwiki page enabled SSH connection for Gladstone  Created cron job to automate backup scheduled every hour |
| Gladstone report section and configured functionality  Gitea internal repository | Created Gitea internal repository enabled SSH connection for Gladstone Configured Gitea to sync with Dokuwiki  to sync after every commit Created sync\_dokuwiki\_to\_external.sh Created users |
| Bundaberg report section and configured functionality  Backup automated scripts | Created backup\_adelaide.sh Created backup\_gladstone.sh Created backup\_sydney.sh Created cron j Captured Adelaide-backup-output.txt Filled in report abou |
| Adelaide | Installed plugins and enabled SSH connection for Gladstone Created Login task page Created Server recovery page Created Minutes page with Ben |
| Report Backup and recovery section | Created backup design and recovery instruction |

# Contributions of Team Members

Rank the contributions of all team members, including yourself in the list. E.g. if there are 3 members in your group, you should list 3 names, from best to worst, and give a score out of 10 for each of them (where 10 represents highest score)

1. Ben Hopkins Rank 10
2. Tim Ho rank 9

Reflection:   
Ben Hopkins was the lead in this project as he had the most experience with sysadmin job and found another way for us to work on this project remotely together using Cloudflare. He designed the network and had a greater understanding of the concept. By taking lead, we were able to establish task earlier on and utilise more time in configuring and debugging necessary issues.

# Reflection on your team experience

The communication in the group was real professional. We split the task up with three servers each as a group of only two. We updated each other with progress on our work which made it easy to see whether we were on schedule with the project or not. When we did have issue, it was also communicated so that the other person knew of issues and tried to work around it together. Working with Ben has been pleasant and has helped me with being professional in our work. We held each other accountable and followed up with our concerns. A strength that I used in this setting was my understanding of using GitHub and SSH from previous units which allowed me to tackle on the Gladstone role well and help with the Adelaide task which was part of Ben’s task. He also helped me when I needed help and had issues with my configurations. My weakness in a collaborative environment is taking lead, which wasn’t necessarily a bad thing as Ben was more comfortable with taking charge. Overall, this group work project has taught me and redefined my understanding of working on IT projects remotely. Using SSH to securely access machines, commands for sysadmin task and automation.