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## Assignment 1 Report

<https://fletcherpetersen.github.io/s3886293/>

<https://github.com/FletcherPetersen/s3886293>

## Personal information

My name is Fletcher Petersen. My student number is s3886293 and my email is s3886293@student.rmit.edu.au I was born and raised in Wagga Wagga NSW. I was born on the 25th of August 2000 have lived in Wagga ever since. I graduated from the Wagga Wagga Christian College in 2018 and have been working at Jaycar electronics since 2017.

Both my parents were born in Australia and have lived in Australia most, if not all of their lives. I only speak English but did learn a bit of Indonesian through school, most of which I have forgotten now.

My favourite sport is basketball. I play a few times a week when the season is running. I have learned to play guitar but don't really play anymore. One of my favourite hobbies/pastimes is gaming

## Interest In IT

Growing up gaming sparked my interest in IT. I have always liked taking the time to notice and think about all the different technologies around me in my everyday life. I like seeing new technologies and how they work together and what that can do for the world and me individually.

I have wanted to study IT for a while but did not know where to start. My brother is studying the same course at RMIT, so he convinced me to apply too. I applied through open universities same as him.

I expect to gain a more in depth understanding of IT and hopefully find what interests me the most about IT. I plan to use this as a steppingstone to finding a career in IT once I know what I like the most.

## Ideal Job

<https://www.seek.com.au/job/51128038?type=standard#searchRequestToken=afe0e2d0-bcaf-4e56-803f-402152076574>

**Network Engineer**  
Also open from this company

**HAYS** Recruitment specialists  
Information Technology

**NETWORK ENGINEER  
DESIGN AND DELIVERY  
OF NETWORK  
INFRASTRUCTURE  
PROJECTS**

Permanent position working for a local IT service provider  
Project based role supporting clients across NSW, Melbourne, Victoria and Queensland  
Contact this agency on 0300 900 000 for more information

Senior network engineer to design, implement and support network infrastructure for a variety of clients

**Your new company**  
This IT services company has been established in the Canberra region for over 10 years. They are a specialist company providing IT services to a range of clients. They are a specialist company providing IT services to a range of clients. They are a specialist company providing IT services to a range of clients.

**Your new role**  
You will be responsible for your role, building network infrastructure, creating financial reports and working to close business opportunities with network clients and partners. You will be providing level 1 support and implementation services to a variety of clients, with the following responsibilities:

- Design
- Implement
- Troubleshoot
- Support
- Train

**What you'll need to succeed**  
To get yourself up to speed, it is essential that you have at least 3 years of experience in a professional network engineering role. You will be experienced with various networking assets, including routers, switches, firewalls, and other network devices. You will also have experience in network design and implementation. You will also have experience in network design and implementation. You will also have experience in network design and implementation.


**What you'll get in return**  
Our clients provide a great working environment where employees can grow their professional and personal skills. They have high level engagement and professional working environment and will provide the necessary support for ongoing success.

**What you need to do now**  
If you're interested in this role, click 'Apply now' to download an up-to-date copy of your CV or call us now.  
Please contact this agency on 0300 900 000 for a confidential discussion on your career.

SA Licence number: 1195 767000  
Licence Number: 2382719

To apply please click the 'Apply' button below.

hays.com.au



Being a network engineer involves making and implementing network solutions to different clients. This includes building wireless networks and firewalls. I find it appealing as I have stated above that I enjoy seeing how technologies work together to benefit an individual or company. This would allow me to implement the best solution I can for a client.

This job does require at least 3 years' experience in a network engineering position. With this requirement would also come with experience in wireless networks and firewall security which the job also requires. This means I would need to complete a network engineering course, more likely a cybersecurity course to get into a network engineering job. This job just happens to require the previous experience. This job would require skills like time management, leadership but also working well on your own. It would also be good to have people skills if there is a need to interact with the client of a job.

My current qualifications consist of completion of the HSC and a certificate III in retail. Which means I have a long way to go before I have the required qualifications of a network engineer. I believe I have some skills/traits that would potentially be needed in this career. Such as, working well with people and being able to work on my own. In my opinion I must develop my leadership and time management skills some more before I would be best suited for the career.

My plan to obtain the qualifications will be to finish a course at Uni and complete another, more specialised course of cybersecurity. This will give me the necessary qualifications to get into an initial position as a network engineer. To gain the skills necessary I believe finishing the necessary courses will develop my time management skills as that is a must have for doing study. My leadership skill I believe I can develop through reading and putting myself into situations where I can lead. I will have to find something to take me out of my comfort zone to learn how to take charge.

## Personal Profile

Myers-Briggs test:

The Myers-Briggs test determined I am an INTP-T also known as a turbulent logician






Learning style test:

The learning test on educationplanner.org determined I am an auditory learner

Big Five Test:

## Results summary

Your results from the IPIP Big Five Factor Markers are in the table below. The table contains a raw score and also a percentile, what percent of other people who have taken this test that you score higher than.

Factor	Factor label	Raw score	Score percentile
I	Extroversion		29
II	Emotional stability		62
III	Agreeableness		35
IV	Conscientiousness		31
V	Intellect/Imagination		8

Big five personality trait scores calculated by openpsychometrics.org

The Myers-Briggs test on 16personalities.com tells me I am a turbulent logician. The logician personality is a rare type that involves abstract thinking, open-mindedness, and being honest and straightforward. The turbulent aspect of this type is one that is generally less satisfied with accomplishments and more likely to make decisions they regret. As I read about the common traits in logicians the more I believe the test to be accurate. It states logicians are relaxed and happy with people they are close to and those who share their interests. However, they can become quite shy around unfamiliar people.

Being told I have a personality that is known to be shut off and shy when with new people I believe I would maybe try harder to be less shy. However, I may not be able to control my shy nature and so not involve myself in much discussion. I think my behaviour will be that of a follower rather than a leader in a group. Being an auditory learner, I think I would be better off with someone explaining things to me rather than reading. Therefore, I may be better off doing group work than work on my own as I will have someone to listen to.

I believe having an INTP-T personality would mean I would be better placed in a group with someone I know or who has similar interests to me. This would make it easier for me to be more open about ideas and criticisms than with someone of a different personality type. However, I also believe as having a turbulent personality I would be better suited with a person who is more assertive and not afraid to lead as I may hesitate to make suggestions. Therefore, I believe forming a group with someone who is a natural leader would be preferable for me.

## **Project Idea – Day Organiser**

### **Overview:**

My project idea is a day organiser application that will be connected to multiple devices. User can enter the times of the day that they are occupied with work, study, sports, or other activities. The app will then not only alert when a person needs to prepare for/do the things they have entered, but also calculate time in between what has been entered for the day that the person has available to do other activities. This is great for people like me who find themselves disorganised and struggling to find time to even make dinner. The app would also periodically remind a person to find time to relax, or if they have a partner to maybe spend a bit of time with that person.

### **Motivation:**

My motivation for this project is to help people like me who are not organised daily. There is a plethora of books, articles and videos created to help people become more organised. My goal for this project is to help people take things day by day, even hour by hour, to find more time in the day to get small things done. I believe focusing on getting small tasks done will make people feel more accomplished and contribute in a big way to them feeling organised.

### **Description:**

The app will be a product aiming to help people organise their daily lives. It will feature a system where people can enter the things occupying certain times of the day. This will either be in the form of a table separated into intervals. Or as a kind of menu that people can select times on a drop-down list. They may also enter things like their age, sex, location, whether they have a partner, hobbies etc. This information will then be collated and stored either internally or on a cloud storage system. The app will use the stored information to alert users of what is upcoming for the day. Alerts will be

able to be turned on or off for different thing. For example, if a person does not want to get notified for work if they do the same shift weekly, they will be able to turn off notifications for work. Also, the amount of time before the event/task a person wants to be alerted will be adjustable so they can have lots of notice for things that require getting ready or travel. They could also have a notification just before the event if it is close. If the same person in the above example instead, wanted to use the notification as an alarm to wake up to they would also be able to change the alert to suit.

Not only will the app alert people when they need to complete the events entered in the system, but also find time for people to do other activities in their downtime. The app will take the empty space between entered information and determine what could be useful for the person to focus on in the meantime. This could be anywhere from making dinner after work, to study, to just reminding the person to relax. These extra events that the app uses to alert people can either be entered by the person, as explained above, or be determined by existing suggestions in the app's files. This allows people a way to not get distracted by things on their phone and waste time.

Finally, the app will also have a connect option to allow people to make plans in an effective way. A person will be able to choose the people they are able to initiate and receive plans from. Once people are connected, one party may initiate a plan to meet up or go to an event together. If it lines up with the other person's available times of the day, they will get a notification asking if they would like to accept the event. If they accept, the event will be automatically added to both people's schedules. If the requested time is already occupied with another event on either parties' schedules, then they will be asked if they would like to change their other events. If the receiving party chooses to not change their schedule or denies the event the other person will be notified. There will be a limit to event initiations to prevent spam.

### **Tools and Technologies:**

The app will need to be programmed and available on smartphones and other devices. I would need to find a suitable programming language to use to develop this app. Also, graphical design will be important for the app to stand out. To have the option of connecting to other apps to increase the capability of the app I would need to use something like IFTTT. Storage of entered data would most likely be internal unless the app is to be able to link with friends and other apps. If that is the case, then cloud storage may be necessary to interlink people and other apps. The app would also obviously have to be published on the app store and google play for it to be available to the consumer.

### **Skills Required:**

Programming will be the major skill required in this project as it will be the foundations of this app. I would need to learn how to program the app as I have not done a lot of programming in the past. Graphical design is also an area that I do not have experience in so I would either get help from someone who has experience in that area or learn myself. Being able to make alerts that can be implemented into the app is also another skill that will be required. I would need a way to monetize the project otherwise it will struggle to stay updated and maintain the option of cloud storage and connectivity. I would also need a way to get the app out there so it can have a consumer base.

### **Outcome:**

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If this project is successful, I believe it will give people the chance to make their lives more productive. Whether it is being productive by focusing on their projects that can change the world, or just having dinner ready early and things prepared for the next day. The impact will be dependent on the individual who is using the app. However, using the connection service the app will have, it will allow the potential for better planning for events between friends, colleagues, and partners.