*Ahmet Akgun, Brandin Mcpherson,*

*Hugo Hughes, Taylen Anderson,*

*Tetsu Watanabe and Timothy Prast*

**Assessment 2**

**My profile**

**Produced by**

2021

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# Team Profile

## OUR Team name

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## Personal information

**A person taking a selfie with a cat

Description automatically generated*Ahmet Akgun*****Student No: S3865010**

Originally from Istanbul Turkey, Ahmet’s passion for IT started in 1992, when his uncle assembled their first personal computer. Their first computer had MSDOS 4.0 installed and provided the young Ahmet with various experiences such as customising a data storage device and entering lines of code in the command bar. It was this first interaction with a computer that fostered his interest in IT.

After graduating from RMIT university, he intends to continue his study at the postgraduate level in hopes to become an instructor at an education institution one day. Ahmet’s hobbies include learning about astronomy and astrophysics, playing chess and editing music using a program called CoolEdit. He currently lives in Melbourne Australia.

***Brandon McPherson*****Student No: S3921902**

Brandon is a person with a wide range of interests. In his spare time, he enjoys playing video games, watching soccer games, spending time with friends and family, and travelling. He is also an enthusiastic reader, his favourite book for this year is titled *Sapiens: A Brief History of Humankind* by *Yuval Noah Harari*. In his childhood, he used to play a game called *Sonic the hedgehog.* The experience resulted in developing his passion for video games and technology.

At the time of this writing, he has already been working in the IT industry as an information system support analyst for 7 years. Despite his solid background in networking and information systems, he found computer programming interesting and is considering a career change as a full stack software developer in the future. He lives in Brisbane with his cat named Indy.

**A picture containing person, wall, clothing, indoor

Description automatically generated*Hugo Hughes***  
**Student No: S3923309**

Hugo has a culturally diversified family background with his parents and grandparents who originated from various countries all over the world. He is a keen learner of different languages and loves to travel the world to experience different cultures. In his childhood, information technology was not something he was familiar with nor interested in. However, it all changed when he landed a job at an IT service desk.

With this challenging role, he gradually developed his passion in IT. The role also allowed him an opportunity to brush up on the basic skills that are required to secure his ideal job in the future. His ideal role is to work for the Royal Australian Navy as a Cyber Security Technician. The position interests him because it requires him to be multifaceted and be familiar with various disciplines.

**A person wearing glasses

Description automatically generated with medium confidence*Taylen Robert Anderson*****Student No: S3925287**

Born in Idaho USA, Taylen grew up in Mornington Peninsula, the southeast of Melbourne. Taylen started nurturing his interest in IT when his father was building websites, it was here that he began playing around with Macromedia flash. Due to Taylen's proficiency with building websites, his IT teacher offered him to build a website for the teacher's dad, the website was built using ActionScript 2.0 which is now deprecated. Since then, he taught himself various computer skills and successfully implemented a server which is running his smart home system for his family.

Being a qualified mechanic, he has a strong understanding of electronics. Also, as an astute self-learner, He acquired a basic understanding in programming languages such as C and C++. In the future, he sees himself becoming a firmware engineer which allows him to be involved with both hardware and software development. He currently lives in West Gippsland with his wife and child.

***Tetsu Watanabe***  
**Student No: S3923443**

Born and raised in Japan, Tetsu came to Australia over 20 years ago. He worked at several accounting practices in Brisbane before starting his consulting firm targeting Japanese businesses. The company has grown after 8 years of operation, expanding his client offices in Brisbane, Japan, and Vietnam.

He has witnessed the substantial evolution of IT in the accounting industry. He believes that combining IT and Accounting skills will take him and his company to the next level. His hobby is surfing, which is the reason he moved to Tweed Heads 3 years ago with his family.

***Tim Prast*  
Student No: S3923309**

Tim has a successful business background operating his own bar in Subiaco for the past 5 years. His business is technically advanced and uses the latest technologies to achieve efficient operation. His interest in IT came naturally by having a childhood surrounded by technology and can easily relate himself to IT. Throughout his life, he has enjoyed experiencing the technological advancement.

Gaming has also significantly contributed to developing his interest in the field of IT, his passion for gaming led him to build his own gaming PC. With his strong commercial experience, he hopes to transition his studies over to Computer Science and pursue a career as a business analyst specialising in IT.

## Team Profile

The test outcomes for our members are tabled and summarised below.

The followings are snapshots of who we are as a team.

* We are more introverted than extraverted.
* We are more intuitive than observant.
* We are more logical than emotional thinkers.
* We are equally decisive and flexible.
* We are more self-assured and even-tempered than self-conscious and sensitive.
* We tend to learn by doing & seeing rather than listening.

Information obtained from test results is helpful to facilitate the group’s collaboration. For example, our test results demonstrate our introverted nature. It took two online meetings before we determine our roles and the leadership to make visible progress with the assessment. This may be an example of the introverted nature of the team working against us. If we shared this information before the meeting, we may have acted differently.

A good aspect of our team might be that we think logically, this means that we know the consequences if we do not collaborate and execute our plan properly. Therefore, after the first two meetings, we quickly realised that it was in our best interest for the team to work together and complete the tasks.

“The strength of the team is each individual member. The strength of each member is the team.”

― **Phil Jackson**

The test results also helped us to decide how to deal with each member. Everyone has their own strength and weaknesses. Knowing them would positively influence the way we interact with each other. We understand that acknowledging the individual differences is a good starting point to collaborate and proceed with our team project.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Team Member | Test 1 - Myers-Briggs Type Indicator (MBTI) test | | test 2 - Online learning style test | test 3 - Further online test | |
| *Ahmet*  *Akgun* | **Mediator**  Introverted 58%  Intuitive 70% | Feeling 52%  Prospecting 51%  Assertive 83% | **ONLINE LEARNING STYLE TEST** | **CREATIVITY TEST** | |
| Visual 67%  Kinaesthetic 59%  Auditory 33% | 69.99 (Typical score is 62.96) | |
| *Brandon*  *McPherson* | **Architect**  Introverted 84%  Intuitive 73% | Thinking 52%  Judging 69%  Assertive 54% | **LEADERSHIP STYLE TEST** | **BIG FIVE PERSONALITY TEST** | |
| Contrarian leaders – mostly independent and question normality. | Extroversion 13  Emotional stability39  Agreeableness 21 | Conscientiousness 67  Intellect/Imagination 65 |
| *Hugo*  *Hughes* | **Debater**  Extraverted 85%  Intuitive 93% | Thinking 59%  Prospecting 67%  Assertive 51% | **MULTIPLE INTELLIGENCE TEST** | **EMOTIONAL INTELLIGENCE TEST** | |
| His top three intelligence and learning styles are kinaesthetic, Musical, and linguistic. | EQ scoring of 19 out of 20 | |
| *Taylen*  *Anderson* | **Virtuoso**  Introverted 59%  Observant 52% | Thinking 68%  Prospecting 74%  Turbulent 72% | **ONLINE LEARNING STYLE TEST** | **BIG FIVE PERSONALITY TEST** | |
| Kinaesthetic 64  Visual 64  Auditory 41 | Extroversion 70  Emotional stability 7  Agreeableness 17 | Conscientiousness 2  Intellect/Imagination 34 |
| *Tetsu*  *Watanabe* | **Logistician**  Introverted 73%  Observant 51% | Thinking 59%  Judging 67%  Turbulent 56% | **ONLINE LEARNING STYLE TEST** | **BIG FIVE PERSONALITY TEST** | |
| Visual 59  Auditory 46  Kinaesthetic 46 | Extraversion 35%  Openness 56%  Agreeableness 54% | Conscientiousness 62.5%  Neuroticism 42% |
| *Tim*  *Prast* | **Assertive Advocate**  Introverted 59%  Intuitive 70% | Feeling 59%  Judging 63%  Assertive 54% | **PERSONAL LEARNING PROFILE** | **SITUATIONAL JUDGEMENT TEST** | |
| His focus areas are Personal Value, Using Technology while his strengths are Accessing Support and Persistence | Answered 11 out of 16 questions correctly. | |

# Ideal Jobs

**Overview**

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e have found both similarities and differences for our ideal jobs. The summary of the findings is tabled and outlined below.

Figure –Photo of people doing handshakes

Source: Fauxels

Three of our team members consider roles in the public sector for their ideal jobs. Of those who chose a private sector, two (Brandon and Tetsu) picked the full stack developer role whilst the remaining member (Taylen) is determined to become a firmware engineer.

We found that each job required both technical and soft skills. However, the emphasis on soft skills tends to be stronger for those in the public sector. We believe that there are two reasons for this. The first is because roles within the private sector are highly specialised, so the job advertisements aim to attract only those who have specific technical expertise. The second is because the public sector is likely to have a more hierarchical organisational structure and is vital for employees to understand and follow a chain of command which requires them to have good people skill.

**Similarities**

Among our ideal jobs, the most common technical requirement is programming skills. All three roles in the private sector require fluency in at least one or two programming languages. The knowledge in SQL databases and version control systems such as GIT is also highly regarded in the private sector.

Among the many soft skills, communication is by far the most preferable skill in the public sector. The ability to manage people is another important skill that is sought after in this sector. The skill includes the management of stakeholders, tasks, and projects.

Roles in the private sector tend to emphasise an ability to adapt and learn new technologies rather than people skills. This may indicate the employers’ intention to hire a highly specialised technician.

**Differences**

We found that each role has its unique aspect. For example, Taylen’s role as a firmware engineer requires him to understand basic electronics and mechatronics which are not a requirement for the other roles mentioned. Brandon and Tetsu chose the same job title as full stack developer. However, there is a prominent difference in required skill sets. Brandon’s role has a stronger emphasis on programming skills. On the other hand, Tetsu’s role leans toward a thorough understanding of the web application development process rather than focus on programming.

Also, every job has an element of unique specialisation. For example, in the case of Ahmet, it is the teaching. For Hugo, it is the cyber security. For Tim, it is the data management/analysis.

**Conclusion**

We found that there are some skills and knowledge that commonly attract our potential employers. These are technical expertise in programming, SQL database, and version control system as well as soft skills such as communication and management skills.

We also found that there were differences in each job. These differences arise as the result of different specialisation that we choose to pursue.

It is concluded that although it is important to develop commonly preferred skills specified by employers, having a specific specialisation would significantly influence our future job prospects and career path.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Team Member | Job Title | occupation | Requirement | | Similarity | Difference |
| **Technical** | **Soft** |
| *Ahmet*  *Akgun* | Instructor of Information Technology | Education tutor | * Online course development * Learning Management Software | * Master’s degree * Communication * Teaching | * Communication | * Emphasis on formal education and teaching skill |
| *Brandon*  *McPherson* | Full Stack Developer | Software developer | * Cloud technologies * SQL Database * Various programming * Version control | * Ability to adopt new technologies * Adaptability with different technologies | * SQL Database * Programming * Version control * Ability to adopt new technologies | * Very specialised in programming |
| *Hugo*  *Hughes* | Cyber Security Technical Officer | Cyber security specialist | * Computer Science/Cyber Security qualification/experience | * Management * Analytical * Communication * Stakeholder management | * Management * Communication | * Emphasis on soft skills * Focus on Cyber security |
| *Taylen*  *Anderson* | Firmware Engineer | Computer engineer | * C, C++, and a higher -level language * Tertiary education * Electronics * Version control | * Ability to adopt new technologies * Attention to detail | * Programming * Version control * Attention to details * Ability to adopt new technologies | * Emphasis on engineering (Software, Mechatronic and Electronics) * IoT |
| *Tetsu*  *Watanabe* | Full-Stack Software Developer | Software  developer | * Cloud technologies * SQL Database * PHP * Version control | * Ability to work solo and in a team | * Programming * Version control * SQL Database | * Involvement in the full web application development cycle |
| *Tim*  *Prast* | Business Analyst | Analyst | * Business analysis experience * SQL Databases * Understanding of various IT areas * Data modelling & Data management | * Communication * stakeholder management * Ability to see the big picture * Attention to details | * Management * Communication * Attention to detail * SQL Database | * Balanced between technical and soft skills * Emphasis on data management |

# Industry Data

# IT WORK

T

he interview was held on ---- via Microsoft Teams. Please find the interview transcripts and the link to recordings in the Appendix section of this report.

# IT Technologies

## Machine Learning

## Autonomous Vehicles

## Cybersecurity

## Blockchain and Cryptocurrencies

# Project ideas

# GROUP REFLECTION

## The group’s reflection

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verall, we consider it to be a very positive experience to be able to work together as a team. Each of us took responsibility for our allocated roles and tried our best to make a positive contribution. Fortunately, we did not encounter any impassable issues in terms of collaboration and teamwork. When a team member requested feedback, many of us actively participated in the discussion and provided constructive opinions.

Please find an example of our active forum of achieving a better outcome shown below.

Graphical user interface, text, application, email

Description automatically generated

Text

Description automatically generated

Graphical user interface, application

Description automatically generated with medium confidence

Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, chat or text message

Description automatically generated

We have conducted similar brainstorm sessions (as to the example above) via Teams chats almost daily while maintaining formal online meetings twice a week.

Overall, we feel that our engagement in our bi-weekly meetings have made some level of improvement over time. Although we struggled to keep it structured initially, we quickly learnt to hold it more efficiently by strictly following a pre-agreed agenda. Another positive aspect of our team collaboration is the cross-sharing of our knowledge base. Through exchanging our first assignment and its feedback, we came to the conclusion that some members might have skillsets that were better suited to different content areas for assignment 2. In our team, experienced members were encouraged A screenshot of a computer

Description automatically generatedto share their expertise with others, creating a positive learning environment for the group. Examples were when Taylen assisted others in setting up the group’s GitHub with his self-made Youtube and when Brandon proofread the work prepared by a non-native English member.

GitHub traffic graph

A screenshot of a computer

Description automatically generatedChart, histogram

Description automatically generatedWe used the chats function in Teams for daily communications among members. While our daily chats were a great way for everybody to stay in touch and provide daily updates on the progress of their assigned section, we feel that this may not have been the best way to maintain our conversation records. Although we tried to keep a separate chat log for each topic, our chat history has cluttered over time, and become hard to review the past conversations. One solution may be to use the channel function or SharePoint instead of the chats function. We plan to have a planning session to brainstorm this further prior commencing assignment 3.

GitPulse History

GitHub commit graph

We have learned the hard-working nature of our group. The commitment and dedication of each member toward this assignment has been remarkable. It demonstrates our determination to succeed as mature-age students. Most of our members worked full time during the day while dedicating nights and weekends to study. We refused to waste our time and strived to take advantage of this learning opportunity.

To some extent, it was surprising to find that we functioned very well as a team. According to our personality tests, we were a relatively introverted group of individuals. We had concerns that this fact would negatively affect the way we could collaborate as a group. We are proud of overcoming our initial concerns and believe we have formed a well-organized team with a positive and supportive culture.

Each member surprised us for their uniqueness and intelligence. Ahmet is generally a quiet person but makes simple yet effective comments when he speaks up. Brandon has excellent interview skills, which surprised not only the team but also himself. Hugo has amazing people skill at such a young age. Taylen always surprises us with how skillful he is with IT. Tim is a well-balanced businessperson who is logical, thoughtful, and assertive. Tetsu is a hard-working individual who still enjoys studying in his mid-40s. What surprised us was that we all had unique strengths that positively impacted the team.

## Members’ reflection

**A person taking a selfie with a cat

Description automatically generated*Ahmet Akgun***

Our team formed soon after the assignment period started. In our first meeting, we've become familiar with each other and discussed a draft plan about what our next steps will be. From the second meeting, we've started to allocate our tasks and formed alternative plans if the necessity arises. After the third meeting, we have set out for our tasks. Towards the last two weeks, I sustained some setbacks which caused me a delay in my deadline. Thankfully, another member of our team shared my burden and completed one of the reports about an information technology subject. I have learned that as an individual I can accomplish something but as with a group I can learn and gain much more.

The group communicated frequently and openly. We have expressed our opinions and intentions. No room was left for miscommunication. Due to each member having different life commitments, sometimes it was difficult to agree on a schedule for meetings. After discussing it thoroughly, we have set and met our schedules.

**A person with a beard

Description automatically generated with medium confidence*Brandon McPherson***

My initial thoughts beginning group work for assessment 2 was rather overwhelming as this is the first time engaging in group work on an academic level. At first, I wasn’t sure what to expect as my personality test from assessment 1 suggests that I was quite introverted and so interacting with 5 strangers would be rather difficult for myself to open up. However, I surprised myself on the level of engagement and contribution from everyone. Our first few meetings were a little disorientated and unorganised, it wasn’t until before our third meeting that there was some tension within the group, it was clear that we needed a leader.

Tetsu took the initiative and nominated himself as the project leader, he developed a very well, thought out project plan on an excel spreadsheet via teams and assigned each member their role and deadline dates. We now had clarity of our objectives; this was vital for our group’s success. Tetsu’s leadership was nothing short of amazing, he was very inspiring and great to work with.

I was quite impressed with Hugo’s IT Industry data, he went above and beyond by seeking other data sources to compare that with Burning Data, he was very engaging in meetings.

Tim’s level of work ethic was self-evident, he produced exceptional work for his IT Technology and the IT project, Tim was not only engaging in meetings but was also attentive.

Taylen displayed a level intuitiveness by building an astonishing video which assisted us all in using GitHub. As we began to push content to Git, he a remoted onto our computers and assisted us with the process. He took on all our ideas and his own to build a professional website to display our content.

Ahmet was going through a tough time as his computer died however, he still attended meetings, provided input, and completed two of the IT Technologies which displayed a great deal of dedication.

Throughout the weeks, I’ve had the pleasure of working with some great people whom I would easily work with again. I’m still not convinced that all group work will be collaborative as this one was but I’m glad that my overall opinion of group work has changed and excited to begin assessment 3.

***Hugo Hughes***

**A person wearing glasses

Description automatically generated with medium confidence*Taylen Robert Anderson***

When I initially joined this group it was quite late in the piece. I was invited by our team mate Hugo, he seemed very enthusiastic and happy to work with me. Once we had our first meeting, followed by our second I was starting to worry in regards to how our group would work without central management. From a brief discussion we were able to determine our project leader Tetsu, who was able to quickly turn us around and direct us into a clean and efficient meeting three. From this point we were able to quickly delegate tasks and start getting our project moving onward.

The group tends to over communicate in a group setting when it may be more beneficial to communicate directly to the affected people. This has the unintended side effect of causing us to lose information before it is saved and organised. The upside of this is generally the group is fell of very happy and easy people to get along with. Any problems or tasks running behind, or any help needed is very easily and quickly accommodated.

All in all this has been a very interesting experience, and I am extremely glad I have had the pleasure of working with this amazing team.

***A picture containing wall, person, person, indoor

Description automatically generatedTetsu Watanabe***

I believe that we worked very well as a team. After we allocated tasks to each member, we actively tried to assist others when time allowed. We brainstormed daily despite our busy work, and our numerous chats histories prove our daily collaboration.

Graphical user interface, text, application

Description automatically generated One improvement that we can make for the next assignment may be a better use of project management tools. We used an excel spreadsheet to manage the work in progress and chats function for the team communication. Perhaps, we can consider implementing additional tools to manage both project planning and our conversation records. As Brandon suggested initially, it may be a good idea to evaluate the use of SharePoint.

I admit that I was pleasantly surprised by each of my teammates.

Ahmet surprised me with his intelligent hobbies such as chess and cosmology. Brandon is a person with fantastic literacy skills, which include not only writing but also interviewing skills. Despite his young age, I found Hugo is the best communicator who always brings our team a positive atmosphere. Taylen is a very effective self-learner who is also an outstanding teacher. As a business owner myself, I admire Tim's determination to run his business and study simultaneously.

It was an absolute pleasure to be surprised at each member's talents and persona.

Through this assignment, I was pleased to learn that we all determined to work as a team to achieve the best outcome possible. I, therefore, commit myself to support the team to the best of my ability.

**A person with a beard holding a book

Description automatically generated with low confidence*Tim Prast***

Group assignments can be a daunting prospect in any university curriculum. Often times when I see a group assignment as part of a unit I become filled with an impending feeling of anxiety, “what if we don’t work well as a team”, “what if our personalities clash” and “what if one member does not perform”. It is entirely safe to say that our group for this assignment has far exceeded my expectations. I’ve found all the group members to be proactive, communicative and team orientated. I do believe we had some teething issues at the start, as with all groups, I believe we were all too willing to compromise and allow others to lead with group members not wanting to step on another’s toes. However, an abundance of politeness and willing to compromise can also be a great thing in a new team environment as it allows each member to get a feel for the other and see how we all work.

Tetsu created an excellent spreadsheet to break down all the assignment requirements to help us divide the tasks. This was done in a very democratic way with each member letting the others know their preferences, perceived weaknesses, and strengths. Once the tasks were divided, we broke our Microsoft teams chat down into separate chats with the assigned members to facilitate better communication.

Weekly meetings allowed us all time to chat, get to know one another and collaborate and work on our assignment. Brandon showed great initiative in organizing, conducting, and facilitating an interview with an IT professional. Hugo’s boundless enthusiasm and quick wit also bought some laughter and smiles to the meetings – Not to mention is talent for writing and communicating. Taylen created an entire YouTube video to help members use GitHub to share our assignment, built our assignment website and has always been quick to help other members with problems. Ahmet worked tirelessly to complete his research task and although a quieter member of the group always had sage advice or a well-formed opinion when needed.

I’ve found the entire group assignment experience to be a very welcome surprise. I’ve learnt not to approach these situations with anxiety anymore. Each member brings something new to the table, each member has their strengths and weaknesses, and this is why group work is important, it creates a more rounded, more collaborative finished product. The group has been an absolute pleasure to work with and I can’t wait to continue working with them for assignment 3.

# List of figures

Figure 1 - fauxels (n.d.). *Photo Of People Doing Handshakes*. Available at: <https://www.pexels.com/photo/photo-of-people-doing-handshakes-3183197/>

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# References

# Appendix