**Team Profile**

Team Name: **stockIT**

Personal Information

***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.

***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.

***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.

Group Processes

In assignment two our team was quite fresh at learning to work together. This was particularly evidenced by our initial meetings lack of structure and leadership. Progress through assignment two transitioned us from no management to a central leader (Tetsu Watanabe) from whom everyone else answered to. This was a significant step and produced some sizeable benefits in terms of productivity and reduced wasted time drastically.

Progression to assignment three our team has kept with the same arrangement under a new leader (Taylen Anderson). Small changes implemented include things such as individuals in a meeting being required to mute themselves during each meeting unless they are called upon by the host. Assignment three has also attempted to move our group to a GitHub from the beginning approach allowing collaboration for individual segments of our assignment to be completed easily by multiple parties. This team dynamic is a natural progression from where we were in assignment two and should allow us to continue to build on that foundation.

Career Plans

Our team have an impressive variety of ideal jobs. This culminates with a large variety of careers available for us as individuals from the public sector as a teacher, to the private sector as a computer engineer. This is just a snippet of the available roles available within the Information Technology (IT) industry however we will go further in depth to see what variety is available to us.

Ahmet Akgun wishes to become a teacher within the industry. This contrasts with our team in many ways, for example this was the only job to specifically require a masters degree in any field. Additionally there are requirements for skills in teaching as well as communication. Due to the nature of this particular industry the communication skill would have different assessment criteria to communication in a management position. Teaching within the IT industry will likely have many interesting challenges and is going to be a role on the outskirts of the industry in an intriguing way.

Brandon McPherson indicated he would like to be a full stack developer. The role included within his first assignment (Full Stack Developer, BHP) asks for significant experience in application development using a lot more programming languages not intended for web development. BHP requires significant knowledge using Linux systems and creating and using a virtualisation software known as Docker. This contrasts significantly with the other member of our group also wishing to be a full stack developer Tetsu Watanabe. A full stack developer at BHP is very different to a full stack developer somewhere else.

Hugo Hughes told us that he would like be a Cyber Security Technical Officer. The specific position which Hugo provided is with the Australian Military, this would likely lead to different requirements than the same position in the public sector. Interestingly this position requests developed artefacts in communication skills and analytical skills, this is to allow the individual to educate other individuals within the company structure. This is interesting in contrast to Cyber security roles located in the private sector which generally put more of an emphasis on the security hardware than the people using it.

Taylen Anderson chose this position within the firmware engineering segment of IT. This was an interesting choice as it lead into not only development of software but also hardware which was not common with the others in our team. There was a high level of programming skills required with languages including c, c++ and java. The languages requested do have some crossover into the software development segments of the it industry though this is becoming less and less frequent. This job also requested knowledge in basic electronics with measurement of current, resistance and noise being noted as important. As such it seems that firmware engineering is another special category within the information technology industry to be exploited.

Tetsu Watanabe chose the position of full stack developer along with Brandon. Though the position title was the same the actual jobs in which they both applied were very different in scope. The job that was provided here has much more emphasis on the development side of websites and web applications. This has some significant impacts on the kind of work being done along with the programming languages being used to achieve the desired results. Due to the heavy emphasis on web development this is yet another separate category of IT to be explored

Timothy Prast showed interest in the business analyst line of work. This was another position advertised in the public sector which created some interesting criteria. There was a need to be able to follow planning protocols called SCRUM, this is a methodology where a bigger problem is broken down into smaller steps, these small parts are worked on and the problem is analysed and broken down again. Upon analysis of this job it seems to differ significantly to many others within the IT industry, and thus it paints a very large picture about the size of this industry.

As outlined in the above paragraphs there is a large amount of content, skills and