**RMIT** University – Introduction to Information Technology.

Assessment 2 – Team Project - Ideal Jobs.

A2-Group#10,

**Team Valour.**

**Ideal Jobs.**

**What Common Elements Are There, If Any?**

Our common elements across Team Valour are Teamwork, Communication, Software Programming Languages, Competencies and Attributes. Which are great for building our current team dynamics and learning development techniques for Assignment 2. Examples of common elements between jobs includes Jarrod and Fletcher’s job both requiring implementing solutions for clients. Mathew and Elisha are both creating and developing software. Fletcher and Keegan are both dealing with networking for clients.

**What Differentiates Each Position From The Others, If Anything?**

Some differences in positions may include the industries that each position targets, Jarrod’s being insurance and Mathew’s being healthcare. But other differences include Jarrod’s job implementing technology-based solutions for an insurance business. Whereas Mathew’s job is about developing software which can be implemented for healthcare. While both Fletcher and Keegan’s roles are about networks, Fletcher’s job is about laying the foundations for the clients need. Whereas Keegan’s job is more about the daily troubleshooting and assistance (correct me if I am wrong there Keegan). While Mathew and Elisha’s positions are similar with both being creators of new things. Mathew’s job is more generalised and could be software used for anything to do with healthcare. While Elisha’s is specifically mobile application development but can be developing apps that target any user.

**How Similar Or Different Are Your Career Plans Across The Group?**

Information Technology, Healthcare, Infrastructure, Security and Technical support are our ideal areas of industry and while the industry may be different, we all desire to work in Information Technology and the technical aspects of a career in this field. There are some similarities including two people wanting to be developers, two wanting to be implementing solutions for clients, two focusing on networks. The differences come more when you look at the specifics of each title as there is differences in industries, target users, amongst other things. One major difference is that Jarrod’s job may not technically be classed as an IT role. While it does require an advanced knowledge of IT systems, that is more for the sake of accurately translating requests between an IT team & a business Team.

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| **Element** | **Elisha Rackley** | **Fletcher Petersen** | **Glen Whillier** | **Jarrod Petersen** | **Keegan Whitfield** | **Mathew Lawton** |
| **Job Title** | Mobile Application Developer | Network Engineer |  | Solutions Analyst (Insurance) | Network Technician | Software Developer. (Healthcare). |
| **Industry Experience** | Experience in writing and developing Java, as well as working with iOS and Android platforms. | Experience in Network engineering. Industry certifications such as Cisco Certified Network Associate (CCNA) |  | 5+ years in systems analysing, liaising between both the business & IT teams. | N/A. Organizational and/or professional skills and information to be developed within the first 3-6 months within the role | N/A. Organizational and/or professional skills and information to be developed within the first 3-6 months within the role. |
| **Communication Skills** | Ability to work in a team environment effectively. Need to be able to explain ideas and concepts to clients and investors. | Being able to talk with team members and clients about their needs to be able to support them better. |  | Negotiation, mediation, workshop & presentation skills.  Excellent communication skills in order to relay the business teams requests to the IT team effectively. | Being able to communicate with other team members and end users to quickly identify and rectify issues | High level of communication skills and the ability to work within a multi-disciplinary research team are required. |
| **Non-IT related experience** | Experience in mathematics, and algorithms. | Experience in mathematics. |  | Prior experience in Insurance & a knowledge of insurance products. Business acumen | Experience in mathematics. | Knowledge and exp with mathematics, data structures and algorithms.  Working in teams/groups. |
| **Software Programming Languages** | Java | Perl, python, tcl/tk |  | N/A | PowerShell, | Python, R, Java, CSS+, HTML, Linux. |
| **Programs used experience/knowledge** | React Native, Vue.JS, React.JS, Jest and TypeScript. | Windows, Cisco Packet Tracer, GNS3, PuTTY, PRTG |  | Guidewire Insurance software, JIRA & Confluence Software development tools. | Cisco IOS | Windows, Python, C++, Java and writing code in a Linux environment. |
| **Hardware knowledge** | Both computer and mobile hardware | Network solutions such as Aruba Networks, Mellanox, Watchguard and CISCO |  | N/A | Networking specific devices from data cables and NICs to switches and routers | Computer systems. Linux Systems. |
| **Web Development** | Basic understanding in order to understand how mobile applications can communicate with web pages or data. | N/A |  | N/A | Building GUIs for convenient use of network devices and storage | Experience in Front-end and Back-end web dev. Is required. |
| **Teamwork and Collaboration** | High level of teamwork skills | Ability to work with a team to plan and implement strategies is essential. |  | Ability to liaise & collaborate with both IT & insurance professionals | Teamwork is required when approaching issues from multiple angles | High level of teamwork and collaboration required. |
| **Laws, policies, practices and regulations** | Copyright legislation and consumer law | Computer Network Operations (CNO), Privacy Act 1988 |  | N/A | Privacy Act 1988 | Strong level of personal Integrity, abide by EEO and WHS Regulations and abide by the law and practices within the scope of work. |
| **Competencies.** (Cluster of behaviors required for success in this role) | Time management, ability to work to a deadline, keen eye for detail, | Time management, being able to provide a solution on a budget, planning and implementing ideas. |  | Change Management ability, time management, planning, implementation and project execution | Time management, | Planning & Execution, Quality Focus, Communication, Improvement Focus and Teamwork are key competencies to possess for this role's succession. |
| **Attributes.** (Personal qualities related to success within a role) | Creativity (depending on project), goal oriented | Determination, Perseverance, Reliability, Initiative |  | Integrity, Perseverance, Flexibility, Reliability, Initiative, Passion for industry. | Flexibility, Attention to detail, | Perseverance, Flexibility, Reliability, Initiative and Integrity are key attributes to possess for this role's succession. |
| **Tertiary Qualifications** | Computer Science or software engineering ideal but not required. | Bachelor of computer science and/or cyber security |  | No specific request | Nonspecific | Computer Science, Software Engineering or related field. |