**Assignment 2: The IT World**

**Team Profile**

PLACEHOLDER LINK TO WEBSITE

**Tools**

<https://github.com/melissa-smith/assignment2>

**Industry Data**

1. What are the Job Titles for your group’s ideal jobs? How do each of these rank in terms of demand from employers?

Aria – Senior Security Engineer

Pete – Senior Software Engineer

Caleb – Gameplay Engineer

Yousef – Project Manager

Melissa – Business Analyst

The idea jobs for our group are generally not high in demand. Pete’s role of a Senior Software Engineer is ranked highly having both Software Engineer and Senior Software Engineer on the Top IT Jobs list. The roles in security and gameplay are not seen on the list neither is anything similar. The roles of Project Manager and Business Analyst are surprisingly not in the top IT jobs however this could be due to the nature of the roles not always being specifically IT.

1. From your group’s ideal jobs, you can identify a set of skills required for these jobs (we will refer to this as your group’s ​required skill set). These can be divided into general skills​ (communication, problem solving, writing etc) and​ IT-specific skills (Javascript, SQL, etc).

Top Skills required for the groups ideal jobs:

Project Management, Communication Skills, Stakeholder Management (Building Effective Relationships), Business Analysis, Optimising Code, Python Experience

1. How do the ​IT-specific skills​ in your required skill set rank in terms of demand from employers?

We had a few IT specific skills our list, Optimising code, Project management, Business analysis and Python experience. Many of these skills were in high demand on the list of IT specific skills. This is great for the jobs that we want to get in to and many of these skills are also transferrable across many industries (not just IT).

1. How do the​ general skills​ in your required skill set rank in terms of demand from employers?

One of our skills listed is the highest ranked skill in demand. Communication skills is required for every single job you do, whether it is communicating with team members or external parties.

1. What are the three highest ranked ​IT-specific skills​ which are not in your required skill set?

SQL, Javascript, Java

1. What are the three highest ranked ​general skills​ which are not in your required skill set?

Customer Service, Scrum, Business Process

1. Having looked at the Burning Glass data, has your opinion of your ideal job changed? Why or why not?

All members of our groups opinions have not changed. This is due to two reasons:

1. For those who don’t have a role on the high demand list, this shows that their role is specialised and believe that the skillset that they have will ensure that they exceed in this role. It is important that there is a standout reason as to why the person applying is the best candidate as there will be high competition as the role is not in demand.
2. For those who do have a role on the high demand list, this will mean that there will be availability for these roles moving in to the future and likely that there will be a few different companies to choose from.

**IT Work**

1. What kind of work is done by the IT professional?

The professional works in Project Management in IT. They deliver new energy solutions to market by ensuring that the product is available and ready, the systems are developed/updated, the people are trained and have all the right tools to complete their job and that the legal and policy requirements are all met. The professional will usually run 1-3 projects at a time depending on the size. This is mostly software based solutions such as an energy monitoring platform or the Tesla Powerwall 2 roll out to the Australian market.

1. What kinds of people does the IT professional interact with? Are they other IT professionals? Clients? Investors? The general public?

The professional interacts with many different people on a daily basis. This includes but is not limited to: their team members (developers, testers, software architects, system administrators), internal stakeholders (customer service team members, sales teams, leaders, senior management), external stakeholders (third party vendors, regulators, retailers) and customers (general public, business owners).

1. Where does the IT professional spend most of their time?

The professional spends most of their time in the office, attending meetings. They spend approximately 5 hours a day in meetings and 3 hours at their desk working. They travel interstate once a month for work and attend vendors offices approximately once a fortnight.

1. What aspect of their position is most challenging?

The most challenging part of their position is the stakeholder engagement and management. Every stakeholder on the project needs to be informed on the progress of the project. It is also difficult to have stakeholders make decisions. As a project manager it is not your responsibility to make the decisions but facilitate others to do. This can be challenging as some stakeholders do not want to make a decision due to a range of circumstances. This could be that they don’t want to be responsible if something goes wrong or that they do not have the time to think it through. Moving forward in any career you have, people will always be the biggest challenge but the most rewarding part of your job.

**IT Technologies**

**Autonomous Vehicles**

**Robots**

**Chatterbots**

**Cybersecurity**

**Project Ideas**

**Group Reflection**