



# ASSIGNMENT 1

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GitHub Repository: [https://github.com/kaypeeacton/OUAIITA1\\_KamilleActon](https://github.com/kaypeeacton/OUAIITA1_KamilleActon)

GitHub Pages: [https://kaypeeacton.github.io/OUAIITA1\\_KamilleActon/](https://kaypeeacton.github.io/OUAIITA1_KamilleActon/)



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## PERSONAL INFO

My name is Kamille Phoebe Enriquez Acton. You might be able to guess from my name that I come from the Philippines. The Philippines was colonised by Spain for 333 years before being colonised by the Americans for 48 years. The Spanish influence on Filipino law, religion, education, language, names, arts, music and cuisine can still be observed today.



According to the Department of Foreign Affairs of the Philippines (Embassy of the Philippines n.d), the country has more than 111 dialects. I speak three of these dialects: Tagalog, Bisaya, and Ilonggo.

Most Filipinos learn Tagalog as this is our national language. However, most of the people around me while I was growing up spoke Bisaya and my relatives spoke Ilonggo so I am fluent in both dialects. We were also expected to learn American English in school. As students, we were expected to reply to our teachers in English as well as write essays, take exams and quizzes in English. After graduating high school in 2009, I went to college and studied for a Bachelor of Arts in English. I did this for a year while deciding on what course I want to take in University. Later, I took a Bachelor of Arts in Mass Communication and graduated in 2013. I have not done any other formal education until I enrolled in this course.

While I was at University, I fell in love with videography. We scripted, planned and then created music videos for pop songs and short dramas as well. I found filming itself was the most memorable part as it felt more like hanging out with my friends rather than doing course work. I still shoot short videos here and there about my move to Australia. Everything is interesting, and I find that sharing this experience with friends and family back home allows them to still connect with me even when I'm abroad.

## INTEREST IN IT

I have been interested in technology since I was 14. My grades in computer class in high school and in a basic website development class reflected how I could easily grasp related concepts quickly. However, I have only started to pursue this interest by taking this course.

In 2014, I worked as a social media specialist for an outsourcing company in the Philippines. I was surrounded by web developers and search engine optimisation experts. I was fascinated with their work, ingenuity, and their ability to find solutions for unexpected bugs.

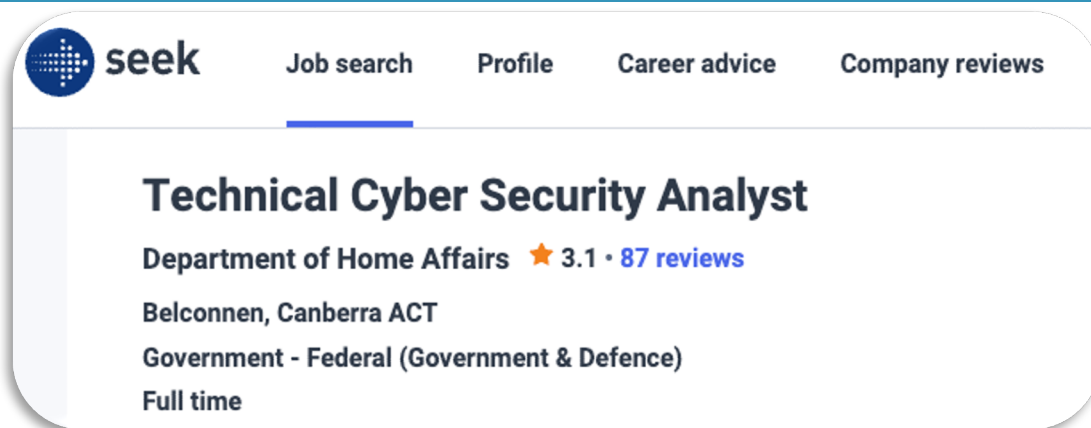
I also worked with a marketing company that offered a system to market products through websites and newsletters. The company also offered a customer relationship management system and an eCommerce platform that the team would build from scratch uniquely tailored to each client. I worked in the client support team receiving feedback from clients to personalise their webpage and complaints to log errors. I learned a lot as I watched the team build the platforms; we would sometimes sit together to replicate the errors that our clients were experiencing and brainstorm solutions to their problems. I built great relationships with this team because we maintained clear communication about our clients' needs.

Throughout the years, I have continued to design websites and manage social media for small clients. YouTube has been a great resource, but I have always wanted to expand my knowledge by getting a degree in IT. I hope that by getting this degree, I could move into a permanent career in IT instead of working part time for various small businesses.

My brother-in-law also switched careers from nursing to IT at RMIT. He introduced me to Code Academy to see if I would be interested in learning more and encouraged me to enrol to the course. Of course, having a full-time job I am only able to do one subject at a time. Thankfully, Open Universities has allowed me to do just that - and helped me maintain a good balance between work, leisure, and study.

My goal is to learn several languages in programming and eventually use this to help build a security system to protect personal data. With the current pace of technological advancement, I would like to provide certainty for people that their personal data will always be secure.

## IDEAL JOB



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## Technical Cyber Security Analyst

Department of Home Affairs ★ 3.1 • 87 reviews

Belconnen, Canberra ACT

Government - Federal (Government & Defence)

Full time

Full job description: <https://tinyurl.com/2p9276nf>

This role oversees the Department of Home Affairs' systems as well as ensuring that their network is secured from external threats. By identifying these threats, the successful applicant must improve the system and reinforce its security to protect sensitive client information.

I find this position appealing because one of my goals is to create a sense of security for people who put their information online. I have experienced applying for a visa through the Department of Home Affairs. I understand how stressful it is to apply for a visa and wait for an outcome. I can't imagine how I would feel if I found out that the system that I had trusted with my most personal information was breached.

According to the job description, they require an individual who can think critically and quickly identify abnormal patterns in the network. They also require someone who has a wide range of experience and the ability to share valuable knowledge with their team. Having a lot of knowledge and experience, this person could be influential in the improvement of the Department's security system protocols. The Department also requires the applicant to have a tertiary qualification in ICT and industry recognised cyber security qualifications.

At the moment, I do not have the required qualifications and experience to apply for this position. I do, however, have excellent attention to detail which I believe helps in recognising threats and opportunities.

To be able to qualify for this position in the future, my first step is to complete this course. The second would be to go into an internship or graduate program in cybersecurity or a similar field.

## PROFILE

### A. MYER-BRIGGS TEST RESULT: ISFJ-A

Link: <https://tinyurl.com/yc77fmh8>

### B. LEARNING STYLE TEST RESULT: VISUAL LEARNING STYLE

Link: <https://tinyurl.com/4hkw7nv6>

### C. BIG FIVE PERSONALITY TEST

Link: <https://bigfive-test.com/result/631c732f01148e00097e26d4>

1. Agreeableness
2. Conscientiousness
3. Openness to Experience
4. Extraversion
5. Neuroticism

#### What do the results of these tests mean for you?

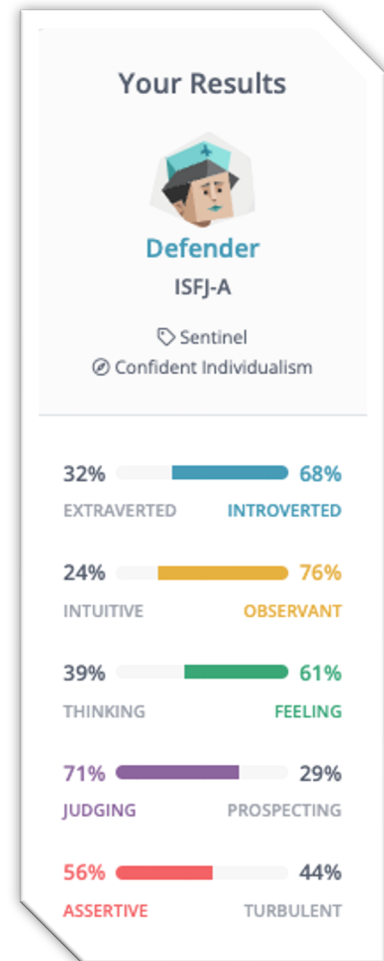
I think the results are quite accurate. My Myer-Briggs test result is so true - I do have a written and digital calendar of birthdays of friends and family and other special events that I feel like I have to remember. I try my best to greet them on that day or make them feel special. I like to keep my inner circle of friends small, but I do make friends quite easily and have a good relationship with most people I meet.

#### How do you think these results may influence your behaviour in a team?

I believe the results of my tests prove that I am a valuable team member. I am someone who cares a lot about making sure that we deliver results on time and that everyone is on the same page.

#### How should you take this into account when forming a team?

I would want my team to be diverse in personality but with each person focused on our shared goals. I want my teammates to see that I can contribute to our project and that I will be able to support them if they are struggling.



## PROJECT IDEAS – RESOURCE MANAGEMENT SYSTEM

### OVERVIEW

This system enables employees to book clients or projects they will be working on and will show a percentage of how much time they will be putting in for those clients on a daily basis. This system will allow companies to economise the time of their employees, determine whether clients need additional resources to reduce pressure on staff and provide data to renegotiate a higher fee if necessary.

### MOTIVATION

Employees in the finance industry generally experience extreme time pressures as they handle multiple clients with tight deadlines. This is often stressful for employees as they must ensure that they consistently provide a quality output as well as staying within the engagement budget. I have personally witnessed these pressures while working for an audit firm as an administrative assistant. Big four financial services firms are experiencing a backlash as employees have started to complain about the pressures at work. According to CPA Australia (Muldowney 2022), more than 70 percent of accountants are actively looking for or thinking about transitioning into a different career.

### DESCRIPTION

- Profiles

This system allows its users to book in a specific client that they will be working with and track the amount of time that they spent on working with that client. The employees will create their own account, provide their position and their regular rates per hour. Once this is set, they can then create a client profile. This profile requires the client's name, contact details, business address, and the engagement fee that the client and the firm has agreed upon.

- Schedule

Before the employee starts with the project, they can then start to lay out a schedule for when they will be working with the client. The employee will be able to include multiple clients over the course of a day depending on their capacity and the needs of the client.

- Analytics

Having the engagement fee included in the client profile, the employee's company will be able to budget and track the time that was spent on each client. The reporting component of the system provides management staff a summary of the combined efforts of employees across different positions. Having this report enables them to step in, ask the right questions and reassess their process in handling such clients.

## TOOLS AND TECHNOLOGIES

The resource management system will have integrations with accounting programs such as MYOB or Xero to pull into data on what has been billed to a particular project or client. Similar to money management systems like Mint, this software is a budgeting tool (Struk 2022). It will have the same functionalities – accounts aggregation, categorisation, budgeting, goal setting or engagement fee budgeting, and analytics. The software would be available for download on both mac and pc; as well as in ios and android devices for the convenience of the user. Companies could easily utilise the program in their team huddles and improve their planning and projections.

## SKILLS REQUIRED

This software requires UI and UX designers to provide a good user experience. As this is a multi-platform tool, it is essential to have a team of developers that are equipped with programming knowledge across these platforms. According to Relevant (Parsons, A 2022), developers who have the ability to use Swift or Objective-C; and Java or Kotlin would be able to develop the program. Back-end engineers will be helpful in maintaining the server side of the software. As this software's purpose is quite simple, it would be feasible to find a team who has the talent to build this software and team of QAs to ensure that the software serves its purpose well.

## OUTCOME (100 WORDS)

If this project is successful, it will significantly improve project delivery and reporting. According to Quick Scrum (Panchal 2021), having a resource management software helps in avoiding over-utilisation which solves our original dilemma where employees are feeling overworked and burned out. Projects would more consistently receive adequate attention and therefore be completed to a better standard which would enhance the return on investment by reducing write offs. The software will also allow better transparency between the teams and managers allowing them to address issues where an employee might be overbooked or under booked. The software also allows managers to foresee bookings that might go over the assigned budget and adjust schedules accordingly.



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