

ASSESSMENT 1

GitHub Url: <https://frygit87.github.io/FinalAssess1IIT/>
Repository url: <https://github.com/FryGit87/FinalAssess1IIT>

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Nationality

My personal nationality is Australian. I'm first generation here as my parents were both born in England and came across on the boats for 10 pounds as very young children, or as they refer to themselves as '10-pound poms'. This gave me a slightly different upbringing I feel as the English side tend to be noticeably prominent in things such as my values and my humour.

Languages

English is the only language that I speak fluently but over the years through different mediums and teachers have gathered a small knowledge of a few other languages that may not be enough for stable conversation, but definitely enough to live day to day in these countries. French is the first one that I began to learn but always found quite difficult to grasp and realised that it was like most other skills, if not used regularly, practiced, then it will begin to deteriorate and definitely not improve. The second language I feel confident with is Spanish, which began from years working at an Argentinean restaurant. I was surrounded by South American nationals that found in the fast pace of the restaurant, it was easier to resort to their mother tongue, so I decided to begin to learn some words, then some phrases. As I was able to regularly practice, it improved, especially through the wonderful world of IT where I could download a pocket teacher to my phone in the way of DuoLingo and practice whenever I had 5-10 minutes spare.

Background (Brief)

After completing my schooling, I entered into an automotive mechanic apprenticeship. After successfully gaining my qualification and spending 5 years in the industry, I set my sights on travelling. I spent time moving through Europe, UK, US and Asia which began my interest into the hospitality industry. Upon returning to Australia, I pursued this new found interest into a new career path. Completing a few short courses and working within the industry, I quickly found my new heading. Long story short, saved for another time, I ended up opening my own places. Seven years later, feeling like I have achieved what I set out to initially, it is time to chase to hurdles, tackle more challenges, solve more problems that affect more than just a hungry stomach.

Pastime

Pre-owning a restaurant, I was often up late at night following the English Premier League or soccer as we know it here in Australia. However, hospitality hours can be rough especially when you are the one responsible for operations. Until recently there has been very little pastimes but have now eased up on the work and begun to enjoy the fruits of my labour. I

have since begun to play a few online games here and there but nothing too crazy now that Uni has begun.

IT Interest

My initial IT interest begun when I was quite young. My father and I would build hoppy computers like jigsaws when I was 10 years old. This is what sparked my interest as quite a young child. Years on, I went on to seek out work experience in a computer repair shop not far from where I lived. So excited, to hear that they would be happy to host a work experience participant, share their knowledge and teachings with someone so willing to learn. I was wrong, this was a week of sweeping and plastic wrapping boxes to be sold in the front shop. Nothing computer related and it had temporarily dampened my drive.

RMIT

I chose RMIT because I am a firm believer in the old saying 'Jack of all trades, master of none'. So many times, in my past, in travels, in mechanics, in the hospitality industry, I have had this reinforced into me. Not simply by someone repeating the words but seeing people's actions, how they excel at one task but fall at others. This is why I selected a University that specialises and excels in IT.

Expectations

These studies are the beginning of a new career for me. I'm looking to garner new skills that will be much more sort after in future industries whether they exist yet or not. Initially I had interests in cyber security pathways but being so early on in the topic, I really like to keep both my mind and options open when it comes to deciding which direction I would like to take. As we cover more topics, I think it will be a lot easier to make a choice like this with a more informed decision.

3 Online Personality Test

Using the results of the test, I am able to see what areas that I can excel in and what areas I require assistance. This knowledge is invaluable when it comes to forming a team as recognising everyone's strength and placing them in those areas is the best way to create success. For example, now that I have illustrated that a weakness is not being eager to approach groups of new people and strike a conversation, I am able to actively work on this to help gel a team together. Ask myself, "why would this be the case?" and "how can I improve this?".

http://www.educationplanner.org/students/self-assessments/learning-styles-quiz.shtml?event=results&A=7&V=5&T=8



[Print Window](#)



What's Your Learning Style? The Results

Your scores:

- Auditory: 35%
- Visual: 25%
- Tactile: 40%

You are a **Tactile** learner! Check out the information below, or [view all of the learning styles](#)

Tactile

If you are a tactile learner, you learn by touching and doing. You understand and remember things through physical movement. You are a "hands-on" learner who prefers to touch, move, build, or draw what you learn, and you tend to learn better when some type of physical activity is involved. You need to be active and take frequent breaks, you often speak with your hands and with gestures, and you may have difficulty sitting still.

As a tactile learner, you like to take things apart and put things together, and you tend to find reasons to tinker or move around when you become bored. You may be very well coordinated and have good athletic ability. You can easily remember things that were done but may have difficulty remembering what you saw or heard in the process. You often communicate by touching, and you appreciate physically expressed forms of encouragement, such as a pat on the back.

Here are some things that tactile learners like you can do to learn better:

- Participate in activities that involve touching, building, moving, or drawing.
- Do lots of hands-on activities like completing art projects, taking walks, or acting out stories.
- It's *OK* to chew gum, walk around, or rock in a chair while reading or studying.
- Use flashcards and arrange them in groups to show relationships between ideas.
- Trace words with your finger to learn spelling (finger spelling).
- Take frequent breaks during reading or studying periods (frequent, but not long).
- It's *OK* to tap a pencil, shake your foot, or hold on to something while learning.
- Use a computer to reinforce learning through the sense of touch.

Remember that you learn best by **doing**, not just by reading, seeing, or hearing.

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https://www.16personalities.com/



16 Personalities

Your test results



Type	<u>"The Logistician" (ISTJ-A)</u>	
Traits	Introverted	- 65%
	Observant	- 63%
	Thinking	- 57%
	Judging	- 57%
	Assertive	- 83%
Role	Sentinel	
Strategy	Confident Individualism	

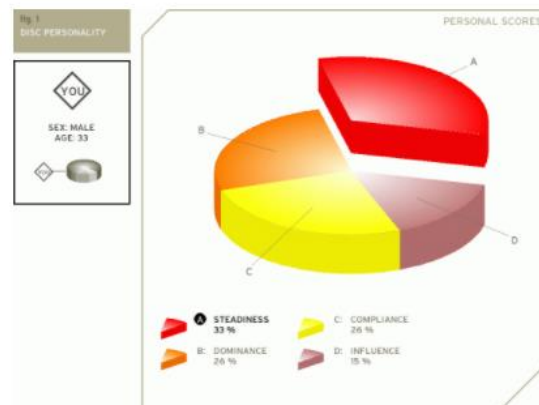
<https://www.123test.com/disc-personality-test/>

Your DISC Personality Report

Introduction

Your specific distribution of scores on the DISC personality test is an indication of your unique personality. You can think of this as your DISC Personality 'DNA'. In the pie chart below you see your distribution of scores.

The highest percentage is likely to be your most dominant personality factor, the second highest your next most dominant personality factor and so on. As such for you the DISC factors are ordered as: Steadiness, Dominance, Compliance, Influence.



DISC Personality Model

To help you understand the DISC model of personality here are definitions of the four factors measured.

Dominance	Describes the way you deal with problems, assert yourself and control situations.
Influence	Describes the way you deal with people, the way you communicate and relate to others.
Steadiness	Describes your temperament - patience, persistence, and thoughtfulness
Compliance	Describes how you approach and organize your activity, procedures and responsibilities.

Your DISC personality type

Your unique sequence of scores characterizes you in a specific way. The positive impact you are likely to make on people is:

You are a clear thinker. You have an inner need to be objective and analytical. You like to pursue a definite course of action. You respond to logic rather than emotion.

Share quote

You are likely to be particularly good at handling challenging technical assignments. You have a strong inner motivation to attain personal goals. You like to become 'the expert' in your chosen field.

Project Idea

Overview

In the busy age that we live in, more and more work loads, daily tasks overloaded, our memories are often stretched to the limit of what we are physically able to remember. Many app developers have capitalised on this with simple task management applications being produced to help us keep track of what is done, doing or needs to be done. Amazing as they are, they are only as good as the user input going in, if you don't input the task to begin with, then chances are it won't get priority or that it is small enough to not warrant being included. This is what we want to draw attention to, two small items that may not seem to be the most important but often, when they are lost, we are lost.

Motivation

I could not tell you the name of anyone that I knew that did not own a set of keys or carry a wallet or purse. I, myself tried for the longest time to live without either, but the wallet situation got messy and keys just kept on coming. Move to a new house, more keys. New job, more ID to take care of. So, to make sure that we know where these are at all times becomes increasingly important to stress and personal sanity. How many times have you been late for a train, bus, work, uber, anything and you are dashing round the house looking for your most valued items? The number of grey hairs alone that this could save per year is intangible.

Enter,

The "Where are my...?" fridge magnet.

Description

A small magnetic device, ideal of mounting on a refrigerator door or storing in a top drawer of office desk, or kept safe within a bedside nightstand. As not to continuously drain battery power when not in use, it will have an on/off switch. This rechargeable battery-operated device consists of two pre-programmed buttons that have been linked with their partnered items. Both buttons are programmed to generate a noise from their corresponding element. 'Button 1' is linked to a small audio producing speaker in the form of a keyring. This keyring will have a micro-USB charging port for rechargeable applications and aim to minimise battery waste contributing to landfill. Standard keyrings will be issued with initial devices but will look to viability of producing orders for customisable keychains if project becomes a success.

'Button 2' will be linked to a small card shaped audio producing device, again with rechargeable capabilities in the form of micro-USB. The second device is designed to be stored within a purse or wallet without being too imposing or bulky that its imposition outweighs any benefits that it provides.

The logic behind the production of this device is that these two daily items only seem to go missing when we need them the most. For the base entry level device, it is targeted to house hold use and locating the specific items when missing. The range will be 30 metres with the aim to increase this further down the track if it becomes viable to evolve this project into locating lost or stolen items with the inclusion of GPS locaters.

Tools and Technologies

Here at Tech International, we aren't looking to reinvent the wheel, simply customise, reapply, find more practicality for already produced technologies. Using the age-old technology of the common house hold door bell, we are able to produce this revolutionary "Where are my...?" device. The magnetic master device, will consist of a very basic transmitter circuit with two push buttons. Each button will trigger the corresponding receiver to produce a sound.

For transmitter to work the following components are required

1. HT12E IC
2. 434 Mhz rf transmitter
3. 18 pin ic base optional
4. 1 megaohms resistor
5. 10k resistro
6. pushbutton
7. 3.7v battery or 5v power supply
8. jumper wires

For the receiver to work the following components are required

1. HT12D IC
2. 434 Mhz rf receiver
3. bc 547 transistor
4. 1k resistor*2
5. 51k resistor
6. led
7. 9v battery or any 9v or 12v power supply
8. buzzer 9v or 6v or 12v
9. 18 pin ic base optional
10. jumper wires

Basic build demonstration: <https://www.youtube.com/watch?v=hIPBqya5bkc>

Skills Required

For the ground level entry of this project, minimal software programming is required. A brief technical understanding of transmitters and receivers is needed as well as soldering components together to get both of these items to work.

Outcome

If the project becomes successful, recognisably it won't solve world famine or cure disease but that is not our aim. This device is targeted towards stress prevention for busy individuals. Knowing our target market, we would look to expand on the base application to include phones or implementing a switch that can double or triple the amount of linked audio broadcasting devices to the master unit. Even further down the line, look to include customisable keychains and GPS elements for lost keys, stolen wallets.

Telecommunication and Network Engineer

DQ Australia

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Adelaide CBD SA

\$45,000 - \$70,000 a year - Full-time, Part-time

About the company

Our client is a long-standing and well-respected business in the community, with reputation of satisfied customers to be proud of.

We are looking for an qualified Telecommunications & Network Engineer

About the role

This is a fantastic opportunity to enhance your existing experience as a qualified Telecommunications & Network Engineer

- Responsible for design and commissioning of network
- Managing the design, installation and operation of the ICT system instance landscape, client and transport processes
- Providing broad technical support for project build, test and solution deployment activities
- Configure and manage all non-functional platform capabilities including job scheduling, output management, email, archiving, technical security, technical connectivity between software components
- Managing an ethernet optical transmission system
- Plan to test optical ethernet link
- Specify architecture requirements
- Manage optical ethernet link
- The primary focus of this role is the installation, relocation, maintenance and expansion/upgrade of IT network infrastructure systems in addition to the provision of remedial maintenance support on LAN and WAN Networks.

Essential Criteria:

- A high level of technical expertise in LAN, WAN , Metro Area Network and Internet networking
- Prior experience as a Network Engineer or Network Administrator
- Extensive experience with networks, switching, routing and firewalls.
- Technical Network qualifications or equivalent experience *essential
- Experience in maintaining and remediating Network Services and seeking opportunities to improve Network operations
- Managing an ethernet optical transmission system
- Plan to test optical ethernet link
- Specify architecture requirements
- Manage optical ethernet link

The Opportunity:

- Work as part of a professional and dedicated team.
- Attractive remuneration package based on skills and experience with performance based incentives.
- Friendly culture, challenging role.
- Opportunity to expand your skills and grow within our business.
- Ongoing training in a supportive environment.

Job Types: Full-time, Part-time

Salary: \$45,000.00 – \$70,000.00 per year

Work Eligibility:

- Permitted to work permanently with no restriction on hours (e.g. citizen, permanent resident) (Preferred)

Work Remotely:

- No