



Assignment 1

INTRODUCTION TO INFORMATION TECHNOLOGY

Repo- <https://github.com/blibbis/assignment1>

Webpage- <https://blibbis.github.io/assignment1/>

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Personal Information

My name is Brendan Libbis, and I am a student at RMIT (student no. s3904714). My email address is s3904714@student.rmit.edu.au. I was born in Melbourne and have lived here my whole life. I completed year 12 at Upwey high school in 2005 and went on to do an apprenticeship in Carpentry (Cert. 3 in general construction) with Holmesglen TAFE . I enjoy playing golf and have 2 dogs named Chewy and Leo, and enjoy watching sports, especially AFL where i barrack for Collingwood, and EPL where I follow the spurs.

Interest in IT

I am looking for a career change as I am looking for a new challenge, and IT is the perfect career path for that as it is an ever changing and evolving industry, with many different avenues of work to choose from. It is also an industry that will be around and only become more important as time goes on.

I've always had an interest in IT and love new technology. I also enjoy gaming in my spare time and have also built a couple of computers in the past.

I choose to do my studies through OUA at RMIT as I am working fulltime and the ability to do the degree online will allow me to keep working fulltime and also study. I am expecting to gain the skills and confidence I need to successfully change careers into IT after successful completion of this degree.

Ideal Job

As I am new to this, I am not 100% set on any one roll as yet, but the roll I have chosen is an IT systems administrator and network specialist. The role is to be responsible for the day-to-day support operation and maintenance of PC's, servers and any associated software and hardware. This position appeals to me as I enjoy problem solving and it would be a good broad base to start my career in IT. As I am new to the industry I would need to develop my skills in IT in general, and I feel by completing my degree in IT it will give me a good base to go into the industry and get some hands on experience.

IT Systems Administrator and Network Specialist

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- Fierce
- Pioneering
- A Champion
- A great communicator

The role

We are seeking an IT Systems Administrator and Network Specialist to join our IT team on a full-time basis. The position is based in Melbourne, although travel to our other office in Geelong will be required on occasions.

Specifically you will be responsible for the day to day support, maintenance and operation of personal computers, servers and associated hardware and software. In particular, networking proficiency in both cloud and on-premises environments will be highly regarded.

- Networking security, protocols and interoperability, including wireless networks, internet, routers and switches
- Desktops and laptops and Microsoft Surface Pros
- Servers (virtual and physical)
- Multi-function devices and other peripherals
- Microsoft office and other function specific windows-based software packages
- Windows 10
- iPhones
- Asset and software license management
- Backup management and restore
- New staff set up, IT induction and ongoing maintenance of Active Directory accounts
- IT support ticketing system

In addition:

- Responsible for end user support, fielding questions and solving problems
- Writing documentation for knowledge base of common support queries
- Implementation of IT training for staff (in conjunction with HR)
- Responsible for running the month end procedures and reporting

You will have -

- Excellent interpersonal skills
- Strong verbal and written communication skills
- Good organisational skills
- A positive can do attitude
- An ability to show initiative and be proactive
- A professional presentation
- Be friendly and sociable by nature
- Be a team player who enjoys building relationships
- Customer driven approach willing to deliver the highest standard of service to all customers, both internal and external
- Innovative

If you are keen to work in a friendly and rewarding environment, where quality service and client satisfaction is the goal, please forward your letter of application together with your

Current CV to sbeard@sladen.com.au

Salary will be commensurate with experience.

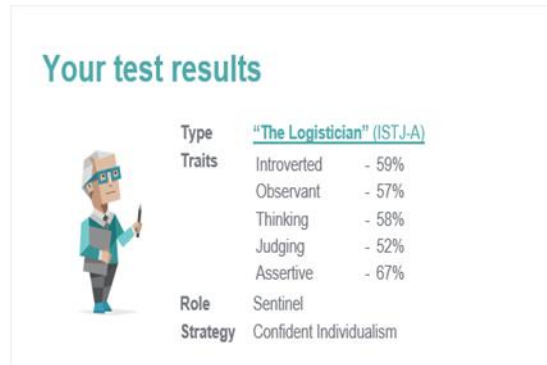
Ideal Job Ad

<https://www.seek.com.au/job/51746428?type=standard#searchRequestToken=b4ff3722-7b62-4a56-8df9-d03676345c53>


Personal Profile

I choose to complete the 16 Personalities Test, the RMIT online learning test and the Big 5 personalities test.

I got “the Logistician” in my 16 personalities test, the dynamo in the RMIT learning profile test and have also attached the results from my Big 5 Personality test. I feel quite a few of the traits from the tests reflect my personality, so these results can help me better identify my strengths and weaknesses and can help me to improve as a team member.



16 Personality's Results

 **Brendan, you're a Dynamo!**

The Dynamo
You're experienced in managing competing priorities and have great skills you can apply to your studies. A little extra help by way of periodic reminders will boost your study efficiency.

Top tips for the Dynamo
As the Dynamo we know you'll be successful at online study if you maintain your persistence and motivation. You can do this by setting [SMART study goals](#) each week to break things down into achievable pieces. You'll feel great about your studies as you tick off your goals and realise how resilient you really are!

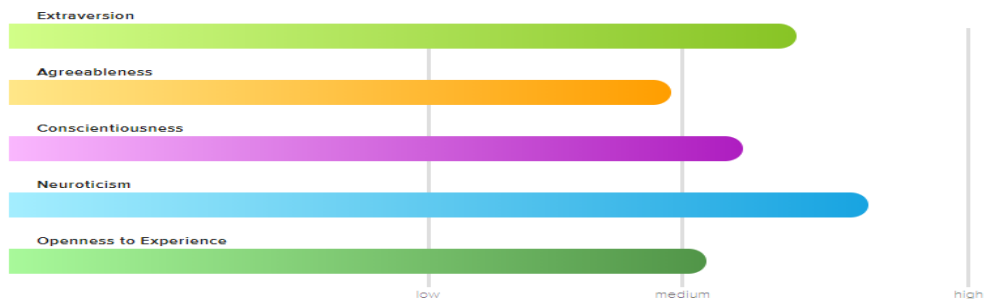
Your support journey
We'll be sending you important date reminders and study resources via email so you can master the art of online study.

In my results it showed I am better suited to leadership roles, and am good at prioritizing tasks which I can use to help my team if we get lost in an idea. It also mentioned that some of my weaknesses are that I can sometimes be stubborn or insensitive, so that will be something that I will be working on so I can help us succeed as a team.

RMIT Online Learning test

up with too many other “logisticians” as this could cause clashes in personalities. I also need to pair up with more creative personalities as this is also an area I can lack in.

I think when forming a team I need to be aware to not partner



Big 5 Personality Test Results

Project Idea

Overview

My project idea is to create an App/ tool for builders and trades people to be able to easily enter materials and labour costs and it will calculate the cost of the job and give out a quote that they can then send on to a customer/client. This would cut costs and allow the user to be able to spend more time doing work to make money and be able to provide a more accurate quote.

Motivation

There are multiple products on the market but are very costly and hard to justify for a lot of small businesses. They also contain a lot of features that might be useless for smaller companies, so I want to create a simple easy to use program/app that is cost effective and provides consistent accurate quotes. From my experience, the more you provide accurate quotes, the more you win jobs and make profit instead of losses.

Description

With the app/tool I want to be able to create a cost effective platform where a user can enter items they use and costs associated with that item (timber = \$3.28 per meter, labour \$45 per hour etc.). The tool will then store that information so the user then just needs to add in what they need to use and they quantities and then it will automatically populate with the list of materials and hours, and also the total price of the project, which they can then send off to the client/customer.

It will also be customized to the user, as it will only be loaded with the items that they need as when they first get the tool it will need to be loaded with the items that they want to load it with, with the prices that they want to set. This means that they can either choose to populate it with itemized lists of items they use, or populate it with a square meter rate if they wish to do that. This also means they will not be bound by any prices that might be pre-set and will also keep

development costs down as they will be loading it themselves. This should also keep the program clear of unneeded clutter that could make the final product run slower.

This means it would be mainly aimed at small business as it would be time consuming and costly for big business to go through this process.

The tool would also allow multiple accounts so that companies can identify which employees are providing accurate prices, and then can train people in the areas they need training in to allow for a more efficient business.

The tool would be in the form of a desktop program that could be used on any laptop or PC, as well as an accompanying mobile app that would allow for inputs to be made remotely and linked back to the desktop program. This allows for quotes to be put together at the they are entering the information, which I also another benefit as it allows the user the ability to provide a quote on the spot.

This program would also provide the opportunity to easily look back and analyze previous jobs and see where they might be losing out and allow the user to fix these problems and become a more profitable and efficient business.

Tools, Technologies and Skills Required

As it is a program, the technologies needed would be just an IDE, text editor or similar program to write the code for the program, and a program like MIT app builder to be able to build the mobile app.

As I am new to all of this, I will need to develop the skills to be able to write all the code in a language like java and also the skills to use and create a mobile app on a tool like MIT app builder.

Outcome

If successful, I will be able to provide a cost effective tool to trades business's in need of a product that they can customize to suit their business and be able to spend more time in the field and less time quoting. They will also be able to be confident that they are able to provide more consistent, reliable to quotes to their customers/clients. This will hopefully also result in them winning more work as the prices they will provide will be accurate.

The major drawback I see for this project are the lack of experience in coding and building an app, but this can be overcome with some training in those areas.