FIT3161/3163 Computer Science / Data Science Software Project

Activity 1: Shark Tank

(This activity is based on the Shark Tank TV show.)

This task will require you to all contribute your ideas and organise yourself quickly as a team to create something.

You can observe each others interaction and behaviour, and pay attention to your own behaviour as well.

Clarity of communication, expressing your ideas clearly is important. You also need to make decisions and "agree" on a common vision.

What you will do? (30 mins)

At your table, together as a team, you will develop and present the following:

Fictitious Project (It may not necessarily be a IT project**)**

A brief project which involves you creating a design for a **fictitious product** that you will present to the class.

The product can be anything you like. You can be as imaginative, and crazy as you like. It does not have to be realistic or even close to real. It can do anything you like as long as is legal and safe for the user. There are only 2 conditions:

1. It has to be wearable and easily transportable (that a person can carry along almost anywhere and all day)
2. And does not exist already
3. For FIT3163/DS students only: It has to involve lots of data of any type.

You need to explain why it is a valid project and come up with a **clear problem or opportunity statement**

Fictitious Operation for above product

A brief presentation for the operation activities required to manufacture and market and sell the fictitious product.

In both of the above you need to mention discuss factors which you think you need to consider and manage when executing the project and running the operation.

Presentation to class (20 mins)

In your short class presentation (2-3 mins/per table):

You need to be able to present your project anyway you like (A quick sketch can be useful). All your team members should present.

And you need to explain how it can be of **great benefit to the user** in whatever situation you can imagine.

You need to "sell" the product to the audience

There is no Good or Bad product. **Be bold, crazy and imaginative.**

The Tutors are the "Shark Tank investors". We may ask you questions.

Activity 2 (40 mins)

Your Tutors will explain to you activity 2.