

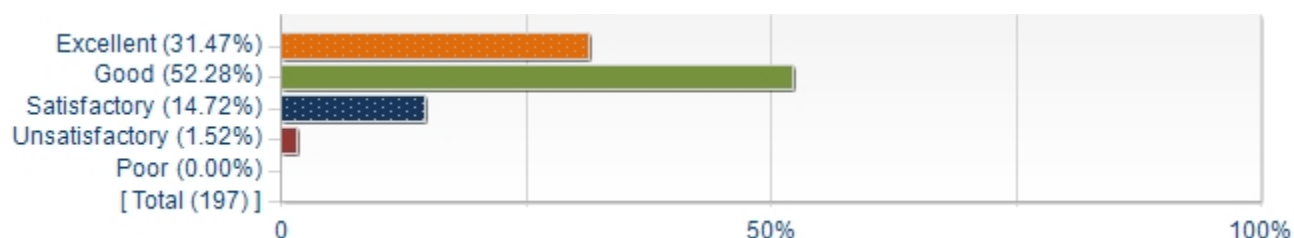
# MODULE EVALUATION REPORT

<b>Module</b>	CP3108B - INDEPENDENT WORK
<b>Academic Year/Sem</b>	2016/2017 - Sem 1
<b>Department</b>	DEAN'S OFFICE (SCHOOL OF COMPUTING)
<b>Faculty</b>	SCHOOL OF COMPUTING

Student Feedback	
Raters	Student
Responded	205
Invited	269
Response Ratio	76.21%

## 1. Overall opinion of the module

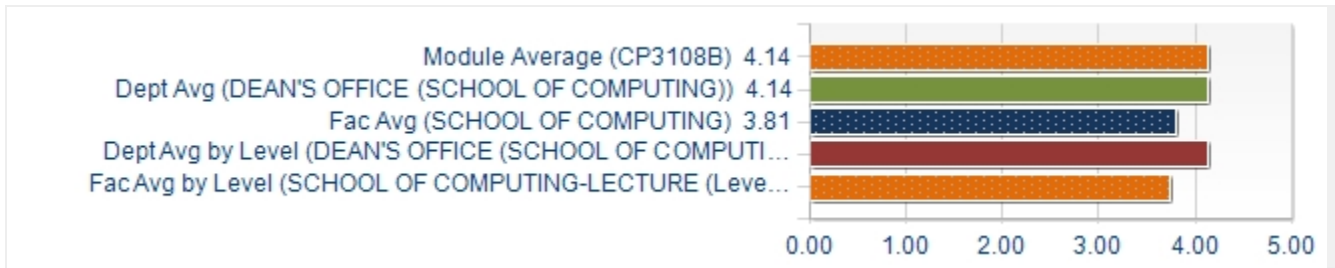
### Frequency Analysis



Statistics	Value
Response Count	197
Mean	4.14
Standard Deviation	0.71

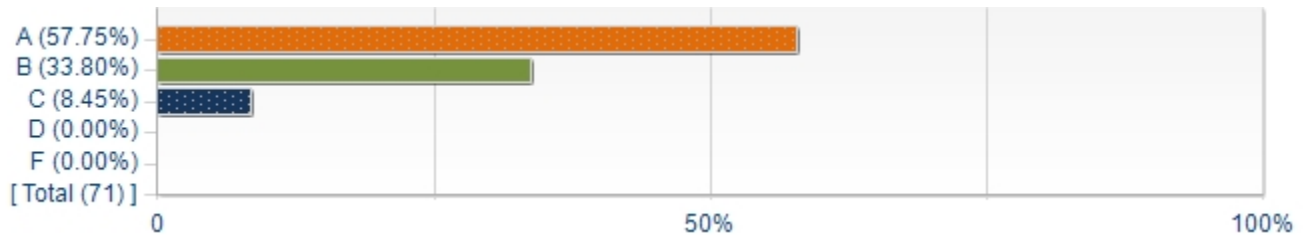
### Normative Analysis

Question	Module Average (CP3108B)		Dept Avg (DEAN'S OFFICE (SCHOOL OF COMPUTING))		Fac Avg (SCHOOL OF COMPUTING)		Dept Avg by Level (DEAN'S OFFICE (SCHOOL OF COMPUTING)-LECTURE (Level 3))		Fac Avg by Level (SCHOOL OF COMPUTING-LECTURE (Level 3))	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
What is your overall opinion of the module?	4.14	0.71	4.14	0.71	3.81	0.94	4.14	0.71	3.74	1.01



## 2. Expected Grade

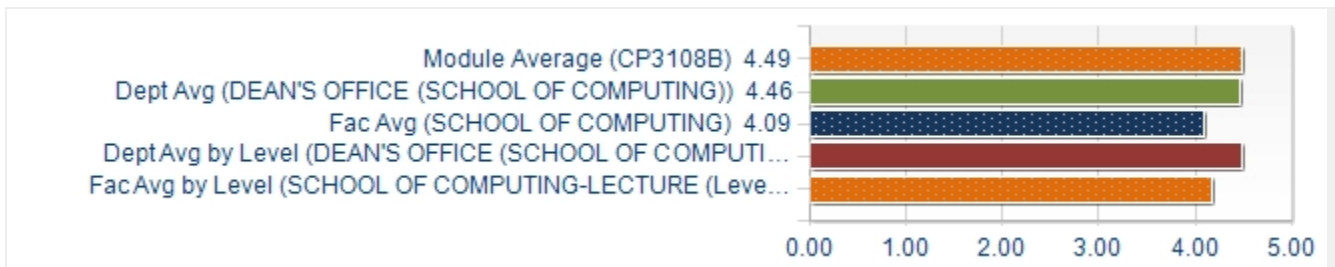
### Frequency Analysis



Statistics	Value
Response Count	71
Mean	4.49
Standard Deviation	0.65

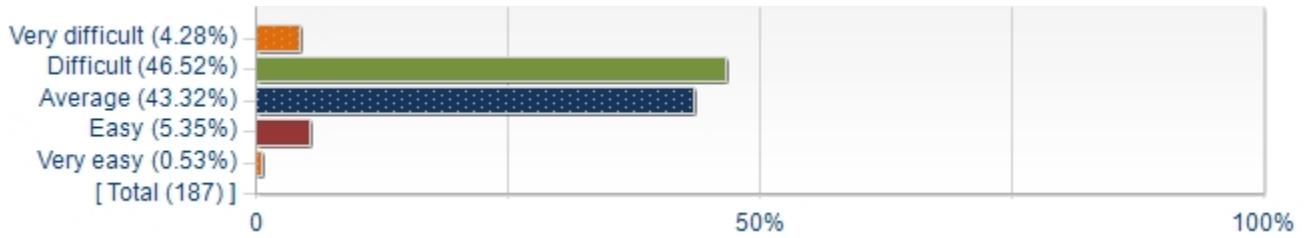
### Normative Analysis

Question	Module Average (CP3108B)		Dept Avg (DEAN'S OFFICE (SCHOOL OF COMPUTING))		Fac Avg (SCHOOL OF COMPUTING)		Dept Avg by Level (DEAN'S OFFICE (SCHOOL OF COMPUTING)-LECTURE (Level 3))		Fac Avg by Level (SCHOOL OF COMPUTING-LECTURE (Level 3))	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
The grade that I am most likely to get in the module is:	4.49	0.65	4.46	0.69	4.09	0.77	4.49	0.65	4.18	0.72



### 3. Difficulty Level of the module

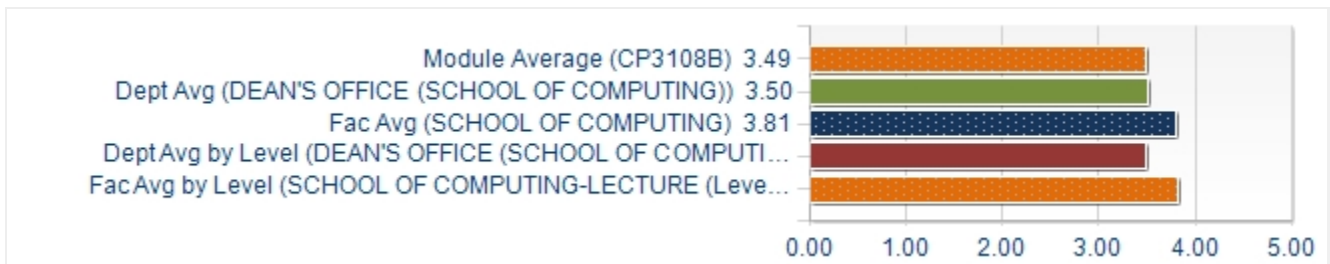
#### Frequency Analysis



Statistics	Value
Response Count	187
Mean	3.49
Standard Deviation	0.69

#### Normative Analysis

Question	Module Average (CP3108B)		Dept Avg (DEAN'S OFFICE (SCHOOL OF COMPUTING))		Fac Avg (SCHOOL OF COMPUTING)		Dept Avg by Level (DEAN'S OFFICE (SCHOOL OF COMPUTING)-LECTURE (Level 3))		Fac Avg by Level (SCHOOL OF COMPUTING-LECTURE (Level 3))	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
I rate this module as:	3.49	0.69	3.50	0.69	3.81	0.81	3.49	0.69	3.82	0.80



### WHAT I LIKE / DISLIKE ABOUT THE MODULE

#### What I liked about the module:

Comment
Generally free and easy.
Learning about the applications coding can have in real life.
Free to do whatever I wanted
good
We can do what we are interested.
a module that allow students to explore the different data science approaches

**Comment**

Giving me a chance to explore different stuff and not be afraid that it would affect my grades.

free for all

Freedom to create anything

Really got to pick up a lot of skills such as HTML, JS, CSS, etc. which I wouldn't have otherwise and got some hands-on practical experience in web development

Can learn a lot of web development tools

Able to create our own stuff in the holiday

Orbital is good.

Hands-on learning

Self-paced

Creativity

Project is self-proposed

self learning

self learning

flexibility to do anything

Optional and very helpful classes.

Emphasis on documentation and time logging helped strengthen the discipline needed for CS2103

independent work

It was good working with my partner

Free-style projects.

Gave a lot of exposure to new things. Prepared me well for modules such as cs2102 and in future cs2103. Self-learning was very fun

Own choosing of topic

NIL

I have the freedom to make anything I want for the project.

Open ended, work at your own pace, completely independent.

You decide what to do and how much to do

self learning

Independent

Open opportunities for us to explore what we like to do.

Promotes creativity and learning

Independent learning

Learning

It conducted in holiday

Self-exploratory

You can do what you want.

encourage self-learning

Allows self exploration of what you want to create.

freedom to explore any ideas

Provide opportunity for student to learn technical skills.

There are great resources and help provided along the way.

You can build anything you want to.

fun

None

Comment
Free and easy
Good opportunity and platform to develop software
The freedom it allows for student to explore and develop their own project.
The teaching method of this module is original. Performing well requires a good self-control and habits of self-learning.
Very interesting to let students experience software engineering by their own
Free to go about work by ourselves. Just need to meet the criteria of the module.
It challenges me to really be independent in our work
Freedom to do any project
Easy
hands-on learning, allowing literally anyone to learn programming and build cool stuff
Provided a platform for me to create something that will help me to shape my career.
I get to decide for myself what to build and can learn at my own pace, with guidance from the advisors.
Freedom to do whatever we wanted
I liked that we are able to do anything we want in this module according to our interest
–
independent project
It's great
Independent learning, self-exploratory
N.A
It allows students to explore new technology under the guidance of mentores.
A interesting summer project that allow me to learn more about development.
–
Orbital allows me to try to learn something new by my own.
The freedom to take on any project we are interested in.
Do our own application with own idea
Stimulates my creative brain juices
Freedom
free and easy
Self-learning - fun
own time own target
flexibility of project
Self-learning and a lot of freedom and flexibility
Freedom to explore on our own and work on our project independently.
it helps students to build up their skills
very flexible
learn new things
You get to buildsign your own software
Freedom of product
The ability to explore what we want to achieve.
we get to choose what we want to do and we get a project completed at the end of the day
Could do anything we want
Independent learning means there is freedom to explore what you are interested in
A once in a lifetime experience I could not have been more grateful for. Thank you.

Comment
Being able to create my own application within a stipulated timeframe
It is challenging yet fulfilling as we get to learn many things and gain experience along the way.
The mode of the module helped me to learn better than any of the module I had taken so far. It greatly sparked off y interest in programming.
The free-form process, whereby the student is allowed to freely explore the realms of web-based development, was what i had thought to be the highlight of the module. I had thoroughly enjoyed working on my own project, being able to materialize my thoughts with minimal assistance.
We could do any project we wanted.
Allow me to work on any project.
It gave us the ability to learn on our own
independence, when faced with a problem, need to resolved it myself
You can pace yourself based on you and your partner's capabilities. There's no obligation to complete it if your team is unable to do so.
challenging but very useful
It provides us an opportunity to complete a self-initiated project which in turn helps when searching for internship. As this module is not held like usual modules with lectures and tutorials, it encourages me to learn independently.
got to learn things at my own time and pace
It allows me to explore my interest that is outside my course of study. Also, it teaches me the importance of innovation and the joy of inventing something with my very own ability.
self directed and paced work
Free choice of project, introductory workshops
holiday activity
I'm free to do anything!
Agile development

### What I did not like about the module:

Comment
Didn't learn much over the first 2 days of the course.
Not enough emphasis on collaboration skills - had a lot of problems working on friend's code.
Not enough materials to facilitate our learning such as notes, reading materials to guide us.
Would prefer some refreshments during splashdown
good
No food and small venue for splashdown..
lift off too cluttered
Quite lost at the start
Although there was a 2 day workshop initially to get us started off, i felt that we weren't followed up or given timely advice on how we can improve our project, instead our feedback only told us that we were lagging behind or we were not doing something, but it didn't tell us how to solve it.
–
NIL
Not enough mentorship
Difficult to complete in time
Would like to have more sessions and also in other different platform

**Comment**

i didnt like liftoff to be compulsory

–

Only 2 people in a team, I would have liked flexibility of team size: 1-4 members  
poor organization, website for submissions often down, or did not register properly

Too much self-learning

The portal used for submission and giving feedback.

NIL

I cannot seek help when I met difficulties.

Lack of tutor feedback.

There is very little guidance invovled

nil

NA

Nil.

Nil

Not much materials were provided to guide us in creating our app

na

Expectations really unclear. Especially when it comes to more novel project ideas.  
There also seems to be an unfair bias towards projects involving hardware.  
Unequal exposure for different projects at the showcase.

some peer comments are not useful

lacked a certain structure to follow.

Too little guidance, not enough basic coding skills taught through workshops

NIL

–

None

too free and easy

Not very structured

While it provide flexible guidelines on how our project should run, it would be fruitful for students to at least go through some form of training first. Otherwise, like my team and I, we went completely blind.

N.A.

The timing it is held at is weird, this module would be better suited to students who have taken CS2103T for example

Workshops were more or less useless, learning from youtube was so much better.

If there were a little bit more guidance, instead of almost all independent learning, that would be good

Too flexible

The milestones were too tedious.

Independent learning, progress slows down when a problem<sub>ug</sub> happens.

Very little guidance

–

it maybe hard for students from non-computing background

–

N.A

Not much guidance given during the project.

–

Comment
NA
nil
A lot of self learning and figuring out how to start at first
–
Self-learning - difficult
projects should be vetted
–
NIL
It was hard at times to answer the questions in the peer evaluations, because the questions were not applicable/ relevant to the project.
–
independent
Feels rather unguided along the way (no structured guidance)
Tiring at times
Nothing
–
nil
For beginner like me, it was very difficult to start, the learning curve is too steep
More help platforms can be given.
The peer review process was redundant! Every peer group merely gave generic statements (mainly one liners like "Good" or "Seems acceptable"), failing to furnish any comments that would add value to my project. My tutor was non-existent; since the first milestone, he had vanished beyond a trace - there was no way to contact him for his opinions, not that his initial lackluster comments made any difference.(peer groups are understandable, but for the tutor himself to provide one-liners, i think it's rather unacceptable) Overall, even though my experience may just be an unfortunate case of bad tutorship, i firmly believe that the peer reviews have to be revamped. Perhaps a more stringent set of criteria may be imposed upon the reviews in order for peer groups to obtain their participation merits.
Some groups dropped out and our group did not receive as much feedback as other groups.
There was a period that we made very little progress.
A little difficult to manage time during holidays
nothing
Teams could have been 3 members, rather than 2.
–
NIL
very demanding at first but thats natural for a course of this nature
–
Website bugs, accomplishment level incorrectly recorded (administrative problems)
N.A
not enough workshops