



SSS

Sweet & Spicy Sixteen

For CSCC01 - Introduction to Software Engineering

## Code Review Summary

### CONTACT INFORMATION

BENJIE KO  
KAREN NGO

JUAN MAURO ROMANUTTI  
RAPHAEL BENEDICT AMBEGIA



# Table of Contents

<b>Code Review Summary.....</b>	<b>3</b>
Code Review Strategy	3
Code Review Summary	4

# Code Review Strategy

## **Readability and Maintainability**

- Check if most of the code is readable and not just spaghetti
- Check the documentation
- Check variable naming conventions and style
- Check overall code style

## **Design**

- Does the code follow how we designed the function
- Are we implementing and following proper coding principles
- Check some ways of improving the style of the code

## **Functionality**

- Is the code understandable to some extent i.e. can I know what to it does by just looking
- Check if the code actually works and does what it needs to do
- Check some unnecessary lines
- Error checks and exceptions

## Code Review Summary

- File Organization needs to be better. Recommendation is separate front-end and back-end files and controllers for each ui file
- Lack of documentation is obvious. Almost all functions have no comments and documentation at all. Needs to be added
- Some functions written are never used and should be cleaned up
- Some imported libraries are never used leading to wasted resources
- Some functions need to be rewritten because even though they do what is intended, they are inflexible i.e. when inputting < 5 choices on questions, the application most likely will crash
- Lack of unit tests over all. It is understood by all members that required unit tests are non-existent at all.
- Naming conventions of file names are a mess. Some of them are confusing at first glimpse
- Naming convention practices for some functions are not followed (1st letter needs to be lower case and uppercase for all other words in the function)
- Some function parameter inefficiency i.e. we use both Assignment names and Assignment class on some functions when retrieving said assignment
- Overall cleanup could be done better
- Coding styles are not followed for most lines and are not implemented
- Overall efficiency of some functions can be improved.
- Otherwise, most of the functions do what is intended for them to do and the application itself is on track.