

General Programming Standards and Guidelines Code Review Checklist

Project Name	Class Attendance Mobile App	Project ID	
Reviewer's Name	Arielle Gabriel	Sprint No.	2
Review Date	23 Feb 2018		
File Name (Source Code)	AddStudentsActivity.java		

This checklist is to be used to assess source code during a peer review. Items which represent the code being reviewed should be checked off.

Place a check mark if the code complies with the criteria. If not, place comments at the remarks column.

1. License

Criteria	Comply		Remarks
	Yes	No	
License exists at the top of the code	✓		
License contains the name of the author	✓		
License contains the following: "This is a course requirement for CS 192 Software Engineering II under the supervision of Asst. Prof. Ma. Rowena C. Solamo of the Department of Computer Science, College of Engineering, University of the Philippines, Diliman for the AY 2017-2018".	✓		

2. Code History

Criteria	Comply		Remarks
	Yes	No	
Code History appears after the license of the source code.	✓		
Code History has been updated accordingly based on name of programmer, change date and change description.	✓		File creation date do not match Version 1.0 date

3. Internal Documentation

Criteria	Comply		Remarks
	Yes	No	
A comment block exists after the Code History containing the following information: file creation date, development group, client group and a brief statement of the purpose of the software in the file.	✓		Add: comment on selectedFile variable, className, PICK_FILE_RESULT_CODE
Each method in the file is preceded by a comment block which provides the following information: method name, routine's creation date, purpose of the routine, a list of the calling arguments (their types and what they do), a list of required files and/or database tables, and return value.	✓		
Indentions are 5 spaces. TABS ARE NOT USED.	✓		
Inline comments are found at the top of the statement using '/*' and '*/'.	✓		
Bracketing of block statements follows the following format: if (){ statements; }	✓		
Exceptions are being handled appropriately.			No exception present in this file
Meaningful variable names are used.	✓		
Variable are initialized prior to use.	✓		R is a special variable in android studio
Program statements are limited to one per line.	✓		
Parenthesis are used to remove operator precedence ambiguity and improve code readability.			No multiple operators in this file
Meaningful error messages are used.			No error messages in this file

Design Principles (Modularity, Cohesion, Coupling). Place a check mark if the method complies with Coupling and Cohesion. If not, leave it blank.

List of Method Signature	Modularity		Remarks
	Coupling	Cohesion	
onCreate()			Highly dependent on activity_add_students.xml
onActivityResult(int requestCode, int resultCode, Intent data)		✓	

Reviewer's Comments:

The Activity File and its methods are mainly for displaying the XML file and the functionality for file picker.