Assignment 4

CSCI 4391.02 – Intro to Mobile Applications Development, Spring 2018

Due Date: 04-04-18, 11:55pm

Submission Guidelines

Prepare a folder that contains your Android project and upload the zipped folder to Blackboard.

Penalty for Late Submission

Late submissions not accepted.

Description of Assignment

Update the attached *Assignment4* Android app to function as Grade Point Calculator using the following formula:

Appraisal Criteria:

Class Participation & Pop Quizzes	5%
Programming Assignments (6)	30%
Quizzes (2)	30%
Final Exam (Coding + Theory)	35%

Grade Calculation:

Score	Grade
≥ 91	A
89.0 – 90.9	A-
86.0 – 88.9	B+
82.0 – 85.9	B
79.0 – 81.9	B-
76.0 – 78.9	C+
72.0 – 75.9	C
70.0 – 71.9	C-
60.0 – 69.9	D
< 60.0	F

Here are the specific requirements for the app:

- Add the following fragments to *HomeActivity*:
    - *WelcomeFragment*: Provide buttons to navigate to each of the *ClassParticipationFragment*, *AssignmentsFragment*, *QuizzesFragment*, and *FinalExamFragment*. Also show the final score and letter grade on its UI.
    - *ClassParticipationFragment*: Allow to enter the grade obtained for Class Participation
    - *AssignmentsFragment*: Allow to enter the grades obtained in each of the 6 Assignments
    - *QuizzesFragment*: Allow to enter the grades obtained in each of the 2 Quizzes
    - *FinalExamFragment*: Allow to enter the grade obtained in Final Exam
- The grades entered in each fragment must be sent to *HomeActvity*, which must have the code for calculating the final score and letter grade and send these values to *WelcomeFragment* to be shown on its UI.