03-60-420-01 FALL 2018- MOBILE APPLICATION DEVELOPMENT

Quiz 1 – Knowledge Quiz

Monday October 1st , 2018 From 11:30 am to 12:40 pm

Create a dynamic and interactive Knowledge Quiz app using the skills and concepts you have learned. The Element Quiz app tests your ability to correctly answer 10 questions, given at the Black-Board (BB) under Quiz1. Your final Android app should fulfill the following requirements:

- Make a new Android project using Android Studio 3.1.4.
- Name your project as "yourUWindsorID KnowledgeQuiz", e.g., oudaKnowledgeQuiz.
- Name your company domain as "yourUWindsorID.com", e.g., ouda.com.
- Choose API 24: Android 7.0 (Nougat).
- The main activity name should be "MainActivity" and the main layout name should be "activity_main". The design of the activity_main layout is your choice.
- Use the given Windsor University logo, given at the BB, as a logo for your apps.
- Your app should be built with the following features:
  1. Your app should include the given 10 different questions.
  2. After each answer, your app should display a Toast "Correct :)" or "Incorrect !!" and to update and display the score then automatically move to the next question.
  3. The quiz game can be exited at any time using an exit button.
  4. In the last AlertDialog the player can rest or exit the quiz game.

Submitting

You need to ZIP the Android project (folder that has the same name as the project name) and submit this ZIP file electronically using the Black-Board BB before 12:40 pm. **LATE SUBMISSION NOT ACCEPTED**.
Since this is an individual quiz test, any duplicated solution **WILL GET A MARK OF ZERO**.

Quiz Rubric

Criteria	Points
Set up the project; e.g., project name, API & SDK ver, activity name, java classes names, etc.	10-Point
How efficiently do you handle the creation of the app's icon?	10-Point
How efficiently do you handle the creation of the app's screen?	35-Point
How efficiently do you handle the creation of the app's final score and/or exit screen?	25-Point
Are all the required elements (see above) present and work correctly?	20-Point
Total	100 points