

AACS3353 Mobile Application Development
Academic Year 2021/22
Practical Test (Set 3)

Instructions:

1. Create a new Android project. Set the application name to **set<Question Set Number><YourName>**. E.g: my.edu.tarc.set1alibaba
2. Submit the following items to your tutor:
 - a. Create a folder name **Set<Question Set Number><YourName><Programme Code><Group>**. E.g. Set1AliBabaRSD3G1
 - b. Place the following items in the folder created in Step a:
 - i. Program source code
 - ii. APK file (click menu Build – Build Bundle(s)/APK(s). Name it **set< Question Set Number><YourName>**. E.g. set1alibaba.apk
 - c. Compress the folder (zip file) that you have created in **Step a** and submit to your tutor.

Duration: 1 hour 30 minutes

Question:

Create a mobile app that determines the amount of road tax for a given type of private car in Malaysia. The road tax structure is as follows:-

Engine capacity (cc)	Peninsular Malaysia - Road Tax (RM)	Sabah and Sarawak - Road Tax (RM)
1,000 and below	20.00	20.00
1,001 to 1,200	55.00	44.00
1,201 to 1,400	70.00	56.00
1,401 to 1,600	90.00	72.00
1,601 and above	200.00	160.00

Your app shall accept inputs from users, which include car registration number, engine capacity (in cc), and the state (peninsular or Sabah and Sarawak). The app should include a button for the user to contact the Malaysian Road Transport Department either using an email address or a phone number.

Marking Criteria:

Item	Marks
User Interface	5
Functionality	20
Packaging and Completeness	5