Quiz # 2 B- programming

Winter 2022, Mobile Application Development

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For this exam you will build two activities: entering mobile brand and model with two buttons, ADD and SEE ALL. You will add the brand and model of the mobile to the database and then allow the user to remove some items from the database. You will also check for duplicates. Please follow the layout as close as possible. Colors doesn't matter.

1. Build layout 1: a title, two text edits (with hints) and two buttons **5 pts**

    a. Display **toasts** when one or both fields are empty and ADD button is pressed, or if the entry is a duplicate. For duplicate, both entries should match. **2 pts**

    b. If no duplicate, add to SQLite. **3 pts**

2. **SEE All** button takes the 2nd activity with the list view of the Mobile brand and model and a selection mode that can be selected and a button that says "Delete Selected Items". **5 pts**

    a. If the "Delete" button is pressed then show a **toast** if no selection. **2 pts**

    b. If the "Delete" button is pressed, show a dialog, if some items are selected. the dialog should says what you see in the dialog box below with a YES/NO option. **3 pts**

3. If YES is pressed in the dialog, then remove the items from SQLite and show the remaining items. **5 pts**

4. back button should take you back to the first activity.

Screen 1

sqlMobileNumberQ3

Mobile Number/Model

Mobile Number

Enter Model

ADD

SEE ALL

Successfully added !!

Screen 2

sqlMobileNumberQ3

Mobile Number/Model

Mobile Number

Enter Model

ADD

SEE ALL

Duplicate found !!

Screen 3

sqlMobileNumberQ3

Existing Data:

Mobile: samsung
Model: s80 ☐

Mobile: sam
Model: s89 ☐

Mobile: asd
Model: asd ☐

DELETE SELECTED ITEMS

Screen 4

sqlMobileNumberQ3

Existing Data:

Mobile: asd
Model: asd ☑

Mobile: samsung
Model: s80 ☐

Mobile: sam
Model: s89 ☐

You are about to delete some data.
Are you sure?

NO   YES

DELETE SELECTED ITEMS