

Progress test 2

Learning outcome L2 (10 marks)

VEHICLE MANAGERMENT APPLICATION

Write an Android App to implement a simple **VEHICLE MANAGERMENT**. The app displays a A drop-down list (Spinner) offers a choice of 4 Car Manufacturers including : Honda, Toyota, Chevrolet, Ford.

The app is controlled by an Context MENU that register for ListView offering the following possibilities:

1. Add new entry to the list
2. Delete a task from the list (ask for number and remove)
3. Update the text of a selected task.
4. Save TODO list (fake operation – we still have not done file IO)

The layout of the **VEHICLE MANAGERMENT** has 2 Activitys. First activity has 2 EditText in order to get UserName and PassWord, 1 Button login. **The second Activity** should be similar to the following:

VEHICLE MANAGERMENT
The login name: duong
Spinner: CAR MANUFACTURE SPINNER ↓
EditText Car name:
List:
1. Honda Accord
2. Honda Civic
3. Toyota Corolla
4. Chevrolet Corvette
5. Ford Taurus
Save List; Update entry Add entry ; Detete entry

Spinner for choosing Car Manufacturers
EditText box for entering Car's name or line number.

Context MENU for listview

Design Layout:

1. **(4marks)**. Create 2 Activitys that have interface like above description.
 - On the first Activity, type user name and password. Be sure that user name and password are not empty.
 - Click the login button, the second activity will be display and send the login name to second activity and display it on the top of the screen.
2. **The Functionality of Second Activity**: Copleteted fake 4 values that added to Spinner, long click on the ListView and do the following option:
 - **(2marks)**. Type a new task in the top EditText box and choose a manufacture on Spinner. **Menu** button, click on **Add entry**. The information about that car manufacture and its name will be added to the listView. Check all the value that are not empty before added. Clear the Edittext after complete these tasks.
 - **(2marks)**. Click on a ListView's line. The text should be displayed on the EditText box and spinner.
 - a. Write over the text and choose an other value on spinner if needed, **Menu > Update entry** to modify the list value (clear EditText after updated).

- b.** Click on **Menu > Delete entry** to remove the task from the list (clear EditText).
- **(2 marks)** Click on **Save List** to save the content of list to file result.txt or save the list to the sqlite database