

## **Mobile Programming – Assignment #4**

This assignment extends your previous one

1. At main Activity of your Jokes application, add an Option menu that will contain the following :
  - a. Add juke option
  - b. Change background color
  - c. Exit
2. Remove your previous "Add button" from your Activity and implement your new option in the menu
  - a. The Add button should contain an icon for your choice
  - b. The change background option should display a single choice submenu with the colors {Red, Green, Blue}, upon selection the Activity background will be changed. The selected color will be saved for the next time the application will be launch
  - c. The exit button will pop up an Alert dialog with 2 choices {Yes, No}
  - d. The second and third options should be available at all Activities.

3. On your Listview register a context menu for each item that will contain the following
  - a. Edit – launch the Edit Activity with the right item
  - b. Delete – delete the context from the repository
4. On the “Add Juke” Activity after each creation make the following
  - a. If the juke contains less than 10 characters add an Alert dialog notifying that the juke is too short
  - b. If the juke char length is satisfying show an Alert dialog that will ask “Do you want to save the Juke ?” with the {Yes, No} buttons

- The assignment should be assigned as a ZIP file containing an Eclipse IDE exported project.
- The file name should be EX4\_<ID>\_<ID>\_<Group>.zip
- The assignment will submitted in the course web site in the appropriate folder