**User Interface and Practice 2015**

**Homework 1**

**Title :** **Tic Tac Toe**

**Due Date:** **Week 10** (during practical class)

**Description :**

**Tic Tac Toe** is a commonly played board game which involve TWO players X and O. Each of the players will take turn to put a marking on the board. The first player who place three of their marks in a horizontal, vertical or diagonal row wins the game.

(Source from : https://en.wikipedia.org/wiki/Tic-tac-toe)

The following example game is won by the first player, X:



**Figure 1: Tic Tac Toe game**

**Requirements :**

In this homework, you are required to create an Android app that can play the Tic Tac Toe game. You should fulfill the following requirements:

1. Create an application using Android.
2. Create a Tic Tac Toe in size of 5 X 5.
3. You can use either Image or Button for the marking.
4. When one of the players won, you should create a dialog to ask the name of the player. **This dialog should be a custom dialog**.
5. You should also create another dialog to announce the result and the player who won the game.(**Alertdialog**)
6. If there is no winner, then you should create a dialog to announce the result without asking the name of the winner.(**Basic dialog**)