## **#9XO testing**

- 1. To check if there is a winner by line:
  - for user you need to input in (X; O) fields following combinations: (0;1)+Set button, (1;1)+Set button, (2;1)+Set button
  - for computer you need to input in (X; O) fields following combinations: (0;0)+Set button, (2;0)+Set button, (0;2)+Set button, (1;2)+Set button
- 2. To check if there is a winner by column:
  - for user you need to input in (X; O) fields following combinations: (2;0)+Set button, (2;1)+Set button, (2;2)+Set button
  - for computer you need to input in (X; O) fields following combinations: (0;0)+Set button, (2;0)+Set button, (2;1)+Set button, (0;2)+Set button
- 3. To see the situation when there is no winner and the game is finished: (2;0)+Set button, (0;1)+Set button, (1;1)+Set button, (1;2)+Set button, (2;2)+Set button
- 4. If input a number more than 2 in (X; O) fields you will see a pop-up message "Please input numbers 0, 1 or 2 to continue". While you tap "OK" on the message you will see two empty (X; O) fields to continue your new input.
- 5. To be informed of the status of game you will see different messages with different colors on the top of the screen:
  - "Let's play XO!" purple during the game.
- "Not available!" red when you input numbers in (X; O) fields that are already occupied.
  - "No winner" cyan when there is no winner and the game is finished.
  - "You win!" green when the user wins.
  - "Computer wins!" yellow when the computer wins.
- 6. "Play again" button becomes active when the game is finished in the following situations: user or computer won or there is no winner.
- 7. When you tap "Play again" button you will see game started and this button will be inactive. "Set" button will become active.