**CSE-438**

**Final Project**

**Objective:**

Create an Application that will test a user’s ability to choose the lowest number amongst three randomly generated unique numbers in 1 second.

**Instructions:**

1. User has to enter a unique name to play the game.
2. A background music will play as the game starts.
3. The high score should always display on the UI.
4. Users score will also always display on the UI.
5. Every time user gains a point, play a positive notification sound.
6. Every time user loses a point, play a negative notification sound.
7. Play “Countdown” music when user has less than 10 seconds left to choose. (Bonus)
8. User will lose a point for not choosing a number in 1 second.
9. Color of all three numbers/buttons will change on every 5th point. For example, points 0 - 5, all numbers/buttons are green; from points 6-10, all numbers/buttons are blue...
10. Once the user reaches 10 points, decrease the timer by half. (Bonus)
11. Give user option to End the game.
12. Give user option to Restart the game.
13. Give user option to view top five high scores along with usernames. (Bonus)
14. Should congratulate the user with a dialog box once he/she attains the high score.
15. User should be able to play the game in any orientation.