**GITHUB LINK:** <https://github.com/asmitapyakurel/pyakurel_asmita_a1/tree/master/src/com/company>

**USER STORIES:**

1. As a user, I want to invite my friends (new players) to the game so that we can compete in game together.

Estimate: 4 hours

Priority: medium

Note: Successfully tested that user gets to invite friends from his/her contact to join the game.

1. As a user, I should be notified when I am very near to the edge of the grid so that I can be careful and plan my move.

Estimate: 1 day

Priority: very high

Note: Successfully tested that user gets notified with a pop-up sound when near to the grid edge

1. As a user, I want to choose game type (solo, multiplayer or team) so that it suits my personal preferences.

Estimate: 6 hours

Priority: high

Note: Successfully tested that user get the menu to choose the game type.

1. As a user, I need to know when the game is starting so that I can get prepared.

Estimate: 3 hours

Priority: high

Note: Successfully tested game starting time will be displayed.

1. As a user, I should be notified with the game rule so that I can understand the competition.

Estimate: 2 hours

Priority: high

Note: Successfully tested game rules option will be there if player is a new to game.

**SPIKE STORIES:**

1. As a user when game is finished, I want to know the winner along

with other position holders so that I can be aware of my competitors.

* As a user, I want time duration (time survival in game) of each player to be recorded
* As a user, I want rank to be displayed from highest time survival to the least.

Estimate: 2 hours

Priority: high

1. As a user, I want to see my progress with scores in a game so that I can practise.

* As a user, I want my all the scores in every game to be stored
* As a user, I should be able to get the chart based on all those stored scores.

Estimate: 2 hours

Priority: very high

1. As a user, I should be able to pause and restart in the same game with same players for flexibility.

* As a user, I should have menu button to pause the game
* As a user, I can press the same button and enter the same game again and compete.

Estimate: 3 hours

Priority: high

**UML DIAGRAM:**

UML diagram is below**:**

**A screenshot of a cell phone

Description automatically generated**