

User Story

A User Story along with the supporting requirements specifications as BDD Scenarios. Make sure to use the User Voice format discussed in class and identity at least five scenarios (one for "happy path" and additional "error" scenarios).

Title(Story): Binary Search Game Play

Narrative: As the player of binary search game, I can play the multiplayer game online, so that I can learn binary search by playing the game in an optimal way.

In order to learn binary search, As a game player, I want to play the multiplayer game online so that i can apply binary search in an optimal way.

Scenario 1: The user can play a multiplayer binary search game online.

Given a new user, he has to play the multiplayer game by inputting his name at the start of the game play. The server will validate the input details, After success welcome message from the server then the user will be able to play the binary search game.

Scenario 2: As a game user I have to play the multiplayer game online.

Given a new user, he will input his name at the start of the game play. And he will wait for the response from the server, Then the server will validate the input details and the user will get " duplicate username entered. Please try again" as the response since the user name is already present(duplicate user name) on the server.

Scenario 3: As a new user I have to play the multiplayer binary search game.

Given a new user, I will start the game by inputting blank as the user name details. The server will validate and returns "Blank username, please try again" as the response.

Scenario 4: As a new user, I want to play the multiplayer game online.

As a user, i will start the game by inputting the user details. I will get the response from the server as the "connector failed to connect to the server".

Scenario 5: As a new user i want to play the multiplayer binary search game online.

As a user, I will start the game however, I will get the message as resource error or port error as the response.

