Backlog – group 53

Must haves:

- As a user, I want to be able to start and play the game by myself.
- As a user, I want to be given points based on whether my answer is correct.
- As a user, I am able to pick from 3 possible options to answer each question, if the question follows the multiple choice format.
- As a user I am required to enter a username to start playing a game(in both multiplayer and singleplayer).
- As a user, I want the quiz to include the "What is more expensive" question style in the game, so I learn how different activities compare to each other in terms of energy consumption.
- As a user, I want my username to be unique inside a room.
- As a user, I want the different activities to be described in a one-sentence line, so I can better understand what an activity means.
- As a user playing with other people, I want to be able to see a leaderboard with the scores of me and other players for the current game.
- As a user, I want to be able to join a room in order to play with other players.
- As a user, I want the game I play to end after 20 questions.
- As a user, I want to see how much time I have left to answer a question, so I can keep thinking when I am unsure.
- As a user, I want to get 4 types of questions every game.
- As a user, I want to see how many points I have gotten after a question.
- As a user, when playing multiplayer, I want the leaderboard which is seen when holding TAB, to hold all the scores from the current game.
- As a user, I want to see to see a leaderboard of the top 10 previous games that have been played on that server, so I can compare my result to the best runs.
- As a user, I want to have a brief pause and an empty screen between two questions.
- As a user, I want to answer different questions every game through a randomized selection of activities, in order for the game to start interesting.
- As an admin, I want to be able to use a graphical interface to import activities from a shared activity bank into the database, so I can make the game more engaging through many questions
- As an admin, I want to host activities only on the server, so I do not have to update all clients when I add/edit activities.
- As an admin, I want to restart the server without using the leaderboard or the imported questions, so updates are easy.
- As an admin, I want the server not to crash when a client drops out, so I can leave

the server running in the background.

Should haves:

- As a user, I want to see the correct answer to each question after the time to answer the question has ended.
- As a user, I want to be able to play with other players on a server.
- As a user, I want to receive points based on how fast I answered correctly to a question.
- As a user, I want that the time bar between all players is synchronized, so everybody sees questions at the same time.
- As a user, I will have a fixed time limit to answer each question(e.g. 10 seconds) that is shown to me, in order to make the game more interesting.
- As a user, I want each question to have an image shown with it.
- As a user, I want to be able to react to a question using a set of intuitive reactions.
- As a user, I want to be able to "send" a predefined set of emojis to other players at all times in a quick and easy way, so I can express my emotions during the game
- As a user, I want to be able to send emojis in quick succession, so I can emphasize how I am feeling.
- As a user, I want to see the emotions of others in a clear, but non-obtrusive way, so I can stay focused.
- As a user, I want to be able to change my answer if I still have time left to answer.
- The top 10 scores on a specific server will be stored in a database.
- As a user, I want to be able to specify the server I want to connect to, so I can play with different people.
- As a user, I want to join a waiting room to queue for the next game to start, so I already get in the mood.
- As a user, I want to see how many other players are in the waiting room, so I know how many people I will play with.
- As a user, I want to see the scores of other players in the current multiplayer game, so I can compare myself to the other players.
- As a user, I want the quiz to include the "How much does it take" question style in the game, so the quiz is more varied.
- As a user, I want to include the "Guess X?" question style in the game, so it is more unlikely that people end up with the same score.
- As a user, I want the server to tell me when the username I am trying to connect with is taken.
- As an admin, I want to inspect and edit all questions that exist in the database in the regular client, so it is easy for me to access.
- As an admin, I want to reach the administrative interface from the overview, so I do not have to start a game for admin tasks.
- As an admin, I want that everybody can access the administrative interface for a server without any authentication, so people can contribute activities.

Could haves:

- As a user, I want to be able to use a power up that halves everybody else's time.
- As a user, I want to be able to use a power up that doubles the points I get from this question.
- As a user, I want to be able to use a power up that removes a wrong answer for me. This power up is only available during a multiple choice question.
- As a user, I want to be able to press specific buttons on the game screen to use power ups during the game.
- As a user, I want to be able to use each powerup once per game.
- As a user, I want to be able to join the next waiting room directly from the "end screen" of a game, so I can save the time of going through the initial form.
- As a user in a waiting room, I want to be able to start the quiz at any time.
- As a user, I want the game to make me confirm closing the application, so I do not accidentally close the window and drop out of the game.
- As a user, I want all power ups that I have used already to be clearly disabled, so I do not try to use them again.
- As a user, I want to see whenever one of the other player uses a power up.
- As a user, I want to have a visual leaderboard that includes bar charts to indicate the scores in addition to just showing numbers.
- As a user, I want to join the next waiting room directly from the "end screen" of a game, so I can save the time of going through the initial form.
- As a user, I want the client application to remember my name, so I do not have to type it again the next time I start the game.
- As a user, I want that questions are composed in a "smart" way, so the game becomes more engaging, i.e., for some questions, a similar, but sufficiently different consumption is preferred, for other questions maximizing the difference could be interesting.
- As a user, I want to include the "Instead of X, how much Y?" question style in the game, so the quiz is more varied.
- As a user, I want to be able to use a joker after I gave my answer, as long as the time is still running, so I can focus on answering the question first.

Wont haves:

- As a user, I am not able to text other players in the same lobby using a chat.
- As a user, I do not have to enter a password, in order to play again.
- As a user, I am not able to reconnect to a game that I have dropped out of.