

Need to have:

1. As a student, in order to see what others are doing, I can see their mouses and clicks. (need to have)
2. As a student, in order to choose my friend to work together, I can log in with a specific role, for example, I can log in with role 'dog1' to match with students with roles 'dog2' and 'dog3'. (need to have)
3. As a student, in order to see my result, I can view my personal output by clicking a button, others can't see my result. (need to have)
4. As a student, in order to fully learn about new materials, I can access all the buttons/choices on the website no matter what roles I log in with. (need to have)

Nice to have:

1. As an instructor, in order to later add tutorials/teaching materials, I can log in and see all current resources and also add new ones.
2. As an instructor, in order to updates materials easily, I can have a place for me to plug in the javascript/r code.
3. As a researcher, in order to learn more about the teaching progress and effect, I can log in and see all the output results, with a log about students' clicks and chats.
4. As a student, in order to engage with others, I can chat on the website.