



## Case Study: Co-production

[CGA Simulation](#) worked with a group of people with a learning disability to co-produce an Anti-Loneliness Quizzing/Gaming App that's accessible to people of differing abilities.

The group meet at [Kensington Community Learning Centre C.I.C.](#) (KCLC) each week to take part in activities and games. For some, it's the only chance they get to chat to and meet people with similar interests.

[Liverpool 5G Health and Social Care](#) provided the community centre with tablets so that each group could take part in the online quiz. The community building was fitted with 5G technology, making the connection supporting the online quiz more reliable.

CGA Simulation followed feedback from the group and adapted the colours, font size and other game features on the app. They also tailored questions in the quiz to take into account age, ability and interests.

The groups have been using the app in a group setting; splitting into teams to meet new people and play the game as friends. The quizzing app is a perfect test case for 5G technology as 5G's high bandwidth is better at driving device-to-device video.

Jane Davies, CGA Simulation's Producer, said:

"Working with people with a learning disability from KCLC to develop the app has been a brilliant process. We have been able to adapt the colours, font size and other features used in the game to better aid people with different conditions to use the app. We wrote new quiz questions and discussed topics of interest with the group, which enabled us to tailor the quiz appropriately for different ages and abilities."

Jon Wetherall, CGA Simulation's Managing Director, added:

"We weren't sure at first what the focus of this app would be, whether individual people would be using the app in their own homes. However, we've found that using the app in a setting where a group can split into teams and play the game as friends is ideal. The app has also turned out to be a perfect test case for 5G technology, as we need the high bandwidth offered by 5G to drive the device-to-device video capability."

With the users' assistance, CGA Simulation has been able to create a gaming app that is accessible, usable and enjoyable for people with learning disabilities to use.