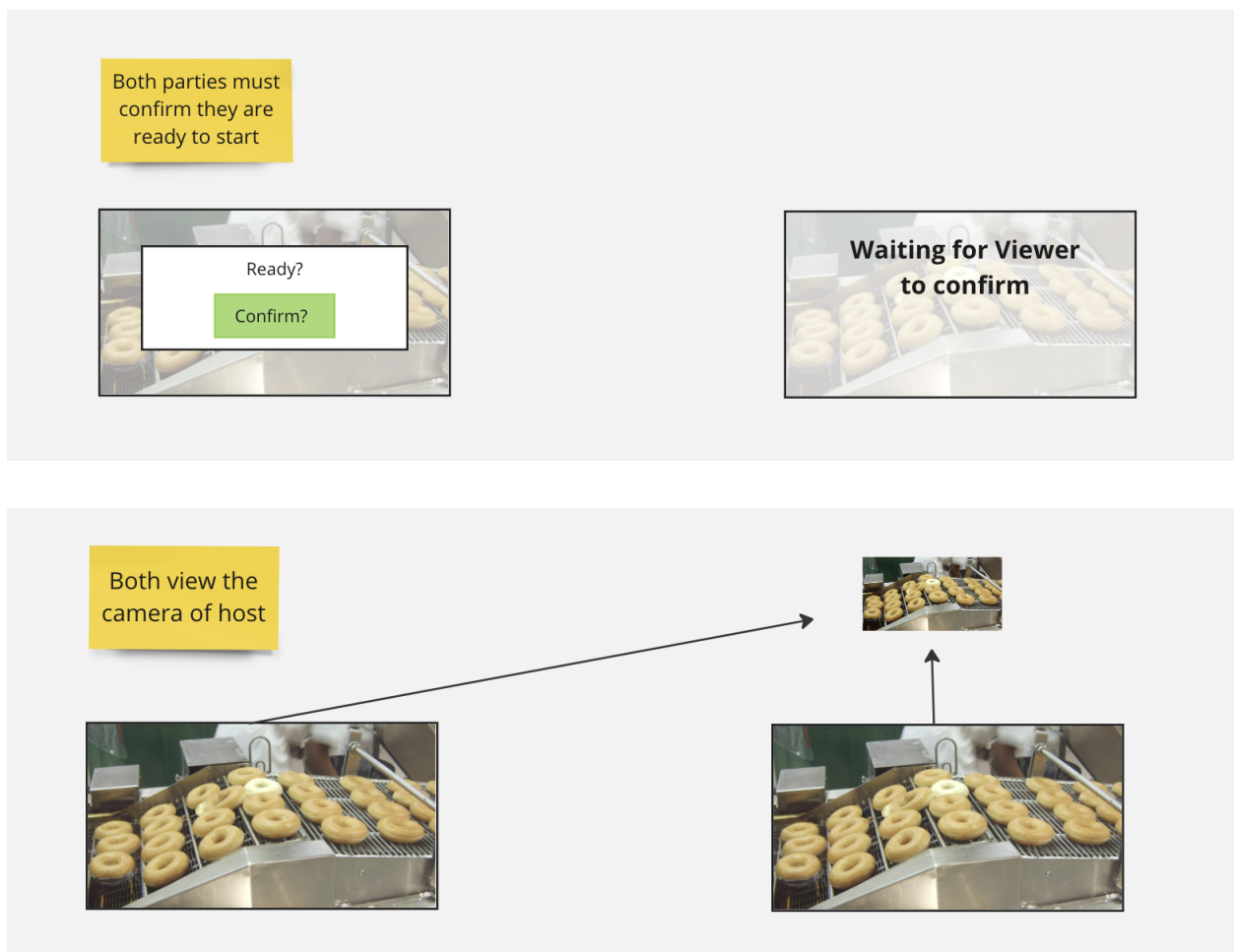


Hi there,

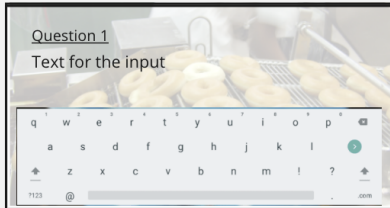
My name's Sid, I'm the co-founder / CTO of an early stage startup in the quality control industry. I have been the sole developer for the web, native and backend of the MVP but now we are looking to hire out a team to build the mobile apps.

## Description

We're building an app to assist with remote quality control inspections, it will connect inspectors with factory representatives in order to carry out quality control. The inspector will be able to view the camera feed of the factory representative and direct them to carry out product tests whilst completing a checklist. [Here is a link to a very crude landing page showing some pictures for more context:](#)



Viewer will complete the form whilst viewing the camera feed



Host will be notified via webrtc, the camera continues but the overlay tells the host to stop

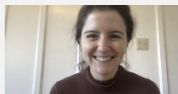


When the quality drops, the stream should be affected but not the recording

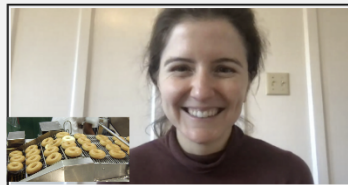


Viewer can request to share their camera with the host and then stop

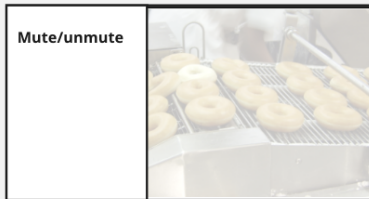
(Viewer)



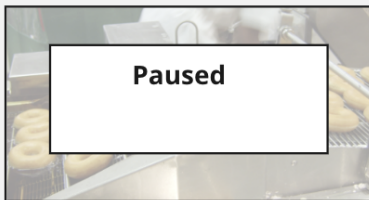
Hosts camera continues recording their own camera feed



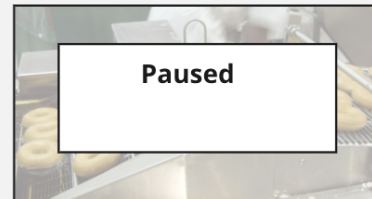
Viewer can mute / unmute themselves

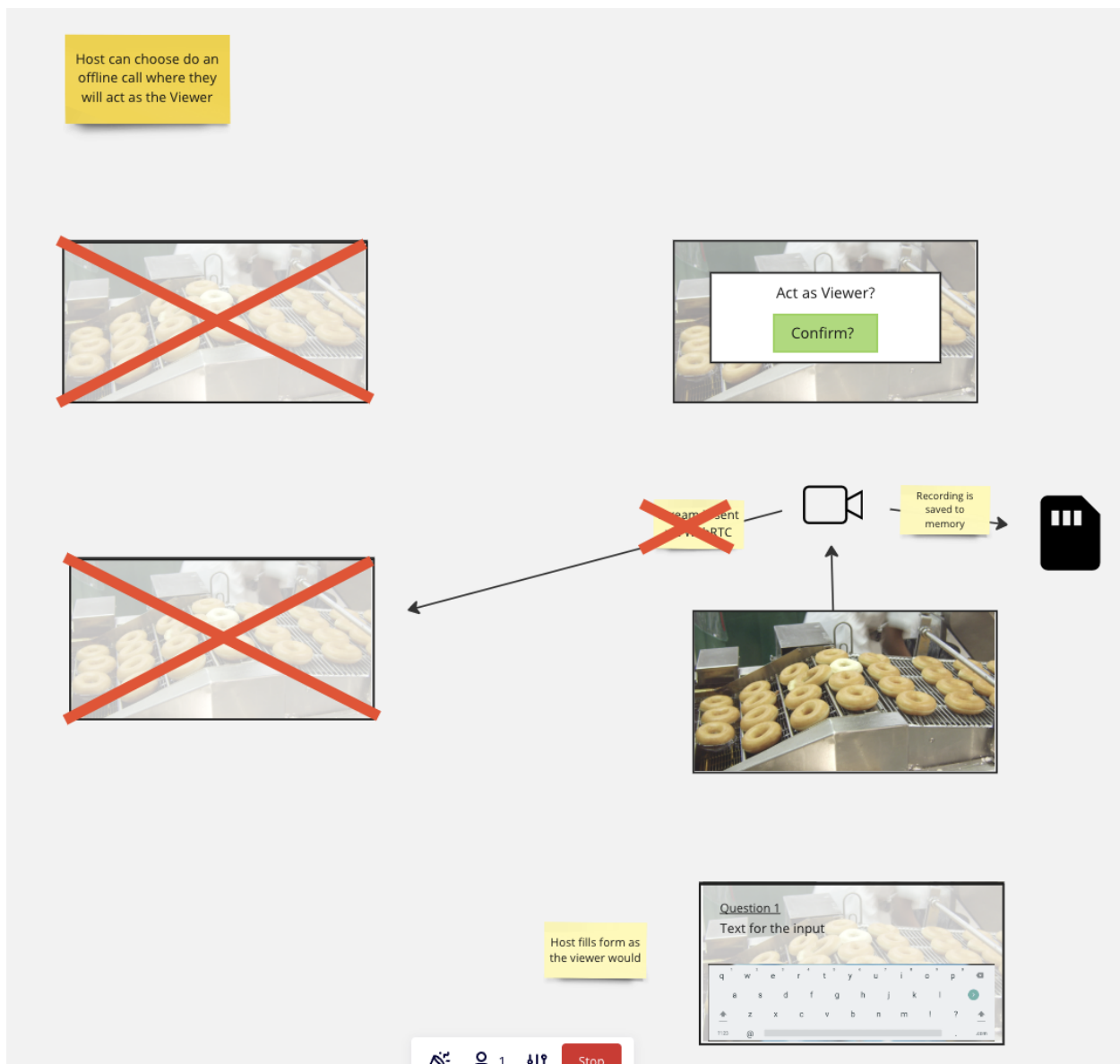


Either party can request to take a break / pause



The paused state should be entered whenever either party has left the room





Currently, we have developed an MVP using React Native that enables a single person to record while filling out a checklist. As the backend developer, I will be responsible for all backend work, which means that there needs to be effective communication between me and the team or product manager, depending on the preferred workflow. Ideally, we would like to leverage our existing MVP codebase for the build.

## Features / requirements

- IOS and Android - at least for person 1, Android only is fine for person 2 (the camera feed + recording)
- Both persons can log in via a code and view all scheduled calls linked to their profile
- Both persons can join a scheduled call
- Live stream between person 1 and person 2 via WebRTC
- Person 2 camera recording - these calls can be up to 5 hours so this requires storing around 50gb of data, its important that the recorded video quality is not affected by poor networks so this would have to be recorded directly to the device
- Live chat messaging (for when its too noisy or there are language barriers)
- Ability for person 1 to fill out a form during the call (this will be a simple form with text inputs)
- Background recording - we understand we are limited by what Android / IOS allows here and where we are not able to background record we need to be able to pause the call and have the video for that part before the pause to be recorded
- Background upload - these are large files that will take 1-2 hours to upload to S3
- No backend work required if that's out of your scope - I will handle this personally

## Where we currently are

As I said, the MVP has been built and we have:

- We will provide full designs
- Video recording which handles when the call goes into the background (no access to the camera)
- Background upload using multipart upload
- The form logic, UI and upload
- Logging in via a code

## Request

This is a substantial project and I understand that any estimates from this message alone will be completely inaccurate and thats ok - we will not hold you to anything you

say here. We do need some kind of estimates so we can prepare our investors though, if you can provide any of these it would be very helpful:

- A cost estimate for the project OR
- Pricing for previous similar projects OR
- Average cost of development per month + the number of members within that team
- Pricing for previous projects

Costs aside, I would also like to know if you would be willing to work on the existing React Native codebase and if not - the reasoning behind that and whether you have any ideas on how we can collaborate to ensure the current code can be re-used.