Mindy Quach Professor Kidall Interaction Design 10 March 2022

## **BUDDYtech Description:**

The BUDDYtech is a high-tech robotic device that uses facial recognition and fingerprint scanning, to display information about a person on a screen. Users would be able to use this at government official instances like DMV, airport security, customs, etc. Places like hospitals and rescue forces would have access to these devices as well. This would be a portable robotic device that would be able to move around easily in any environment. The information would be stored in a cloud and be displayed on specific computers. There would be two steps for security to help with hacking and identity theft. Facial recognition would help identify missing people, John Doe at hospitals, and elders with dementia. With facial recognition, basic information like name, birthday, any medical diagnosis, and emergency contacts would be displayed and once the fingerprint is added with the facial recognition more private information would be displayed like address, passports, driver licenses, and any other documentation. Once businesses start to use this technology, they will only gain access to certain information with a code specific to their use.

For users to gain access to their own information they would be able to get access through an app on their phone, they will not get access to scan any other people, and only gain access to their own account to change any details in their account. Users would be able to share their information with other apps safely through airdropping on their phones. Others are not allowed to see any other information without it being airdropped to them. Of course, there are still chances of having identity theft with this and people would not want to have all their information on a cloud/blockchain software. Some additional negatives would be nonconsensual identification in public, this would be solved with multiple security identifications like the ones said above. Some positives would be cutting times in many aspects like rescue identification, waiting times in DMV and airports, having a universal space to have all your information stored.

The game itself takes you through players that can benefit or not benefit. While going through different scenarios, it will also explore different settings that the BUDDYtech, like hospitals and other settings BUDDY might be in the future. You can pick through different choices to see what route you want to go through in the game.

For the aesthetic of the game, I wanted it to be simple but still have that tech feel. However, I did not want it to be so corporate, with Helvetica so I changed it to a similar font but not exactly the corporate font. I went with a blue-tone color palette because it was something that has a touch with medical and tech. The secondary color was green tones because it symbolizes money which is always part of