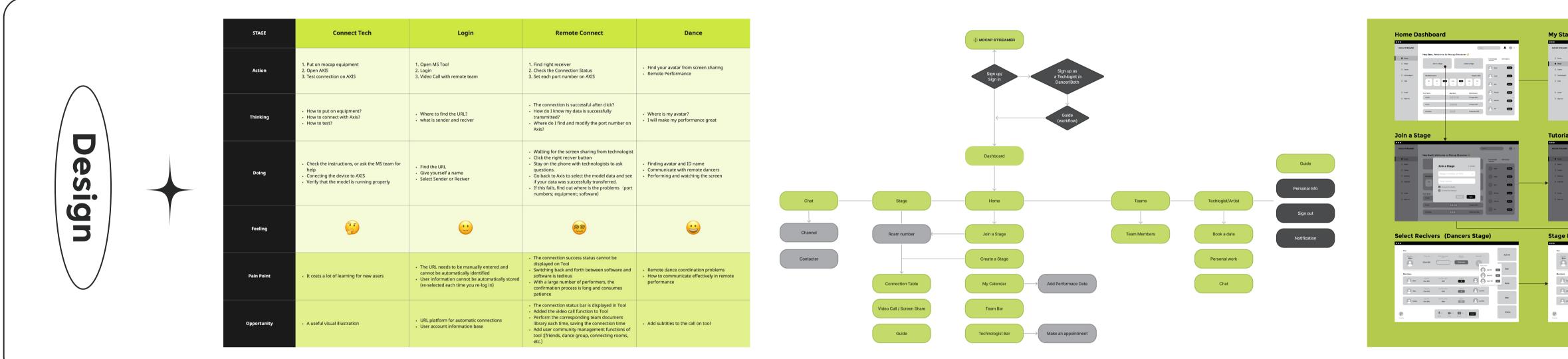
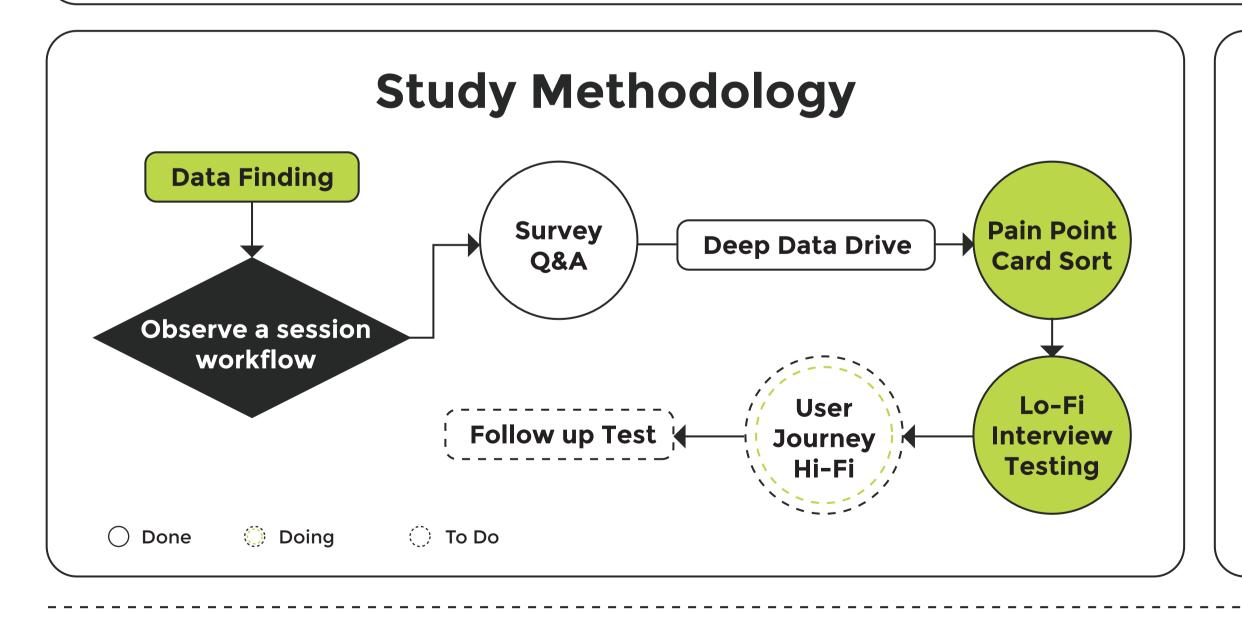




Goldsmiths Mocap Streamer is a cutting-edge tool that streams live motion capture data over the internet, allowing users from multiple remote locations to interact in the same shared digital space. The Remote Sever can be understood as a data storage and sending platform, where dancers from different places send data, and technicians receive their movement data from this place and display it on the digital stage. The project, which is still in development, aims to design a dashboard for both users and technologists and explore the future possibilities of the tool. The project aim to empower performers who might not have previously considered doing digital dance work to freely experiment in the forms of aesthetic expression and meaningful communication.





### Conclustion

It was the first time for me to do a field project, and the project was in the development stage. I should reasonably plan the schedule of my personal project in detail and communicate with the team stably.

# **Goldsmiths Mocap Streamer remote server dashboard design** Yue He (Stanley)



- As the international dance education exchanges occur frequently, the impact of COVID-19 may be that we cannot carry out international activities as much as before. As a result, the popularity of trying remote digital dance is increasing.
- O Digital dance online can save dancers time on the road. In addition, it can also reduce the use of traffic and reduce carbon emissions, thus contributing to the world's environmental protection.
- The **remote data transfer technology is now more mature**, and the team has tested remote dancing with a little delay since the beginning of the project.

## **Testing & Evaluation**

The Port number is not displayed. The learning cost for new users is high.

Video calling, Axis Neruon, video calling, Unity software needs to switch back and forth.

- The cost of prepare time is high
- Inefficient communication
- Long waiting time for connection
- The Port number does not show which is available and which is occupied
- The connection status is not displayed directly
- The dashboard information cannot be saved after login
- Different software needs to switch back and forth

#### **Future Work**

**Short-term plan:** Test the usability of the designed software at the final session of the project in September. To dig into existing findings. Long-term plan: As more new users join, more needs of different dancers need to be learned. They may need more than a digital gig. Collect more user samples, analyze more requirements, and prepare for the future upgrade of Dashboard.

### Background

Inge Dashboard	Aby Teams Dashboard	B B B B B B B B B B B B B B B B B B B	gist Dashboard
al for Dancer		Max <th>ACCONNECTION Status</th>	ACCONNECTION Status
for Dancers		Training Tr	

#### **Research Results**

• Reduce the teaching and learning time

clear navigation tutorials and troubleshoot

**O** Improved usability of the connection interface

clear and easy to understand connection view bar

**O** Add Dashboard's communication function

Collaboration function; Add video calling function

• Establish MS management community, Meet the needs of the future market

personal information and dance company storage and management platform; Technical personnel appointment form; Dance scene display