

# **Net-a-Porter VR Project**

Bi-weekly Report 6

27 January 2017

Group Members: Vania D. Gunawan Setiono (Team Leader), Haran Anand, Yll Kelani

## **Overview**

The past two weeks have been primarily clearing up loose ends from the last term and planning development from the following term. We completed our elevator pitch for our client, decided on a firm direction for the usage of the project, and we scanned more provided garments for use in development of the project.

## **Summary of Meetings**

### **Meeting 1 (Monday, 16 January 2017)**

**Attendees:** Vania D. Gunawan Setiono, Haran Anand, Yll Kelani, Client

**Location:** Net-a-Porter Office

During this meeting, we met with our client along with the other Net-a-Porter VR team to clarify the ambiguities between our projects and brainstormed with ideas to distinguish our projects. We also received the garments from our client that we will include in our project.

### **Meeting 2 (Wednesday, 18 January 2017)**

**Attendees:** Vania D. Gunawan Setiono, Haran Anand, Yll Kelani, Dr. Harry Strange, other NAP teams

**Location:** 66 Gower Street

In this meeting, we further discussed our idea regarding using a mirror reflection to project the garments. However, a representative from Microsoft who attended this meeting stated that this is not feasible as the Hololens would not be able to pick up the image depth given from the mirror reflection. This led to us updating our final requirements and decided to use an avatar that reflects the user's body and map the clothing onto it.

### **Meeting 3 (Friday, 20 January 2017)**

**Attendees:** Vania D. Gunawan Setiono, Haran Anand, Yll Kelani

**Location:** Birkbeck

We held a meeting to finalise the slides for our elevator pitch presentation and rehearsed our parts.

### **Meeting 4 (Friday, 27 January 2017)**

**Attendees:** Vania D. Gunawan Setiono, Haran Anand, Yll Kelani

**Location:** MPEB 1.05

The focus of this meeting was to clarify our plans for the rest of the term and delegate tasks. We discussed the change of plan to using an avatar to display the clothes and how this would affect our direction of work and how we would use the technologies we chose. We separated the facets of the project into programming the interaction in Unity, implementing the avatar and placing the garments, and designing the user interface.

## Tasks Completed

- Updated our client with our progress and received feedback
- Updated and finalised our requirements for the PoC
- Confirmed our new requirements with the client
- 3D scanned garments from Net-a-Porter
- Given our elevator pitch presentation

## Problems

The problem that we have been facing over the past few weeks regarding the clash between two groups has been resolved.

## Next Steps

For the next steps we are going to implement the functionalities of our application and create the UI. We are going to use an avatar that resembles the user's body size and shape and morph the clothing on the avatar. This will give the user an idea of how the clothing will look on them. We will also update our progress on our website as our project continues.

## Individual Contribution

### Vania D Gunawan Setiono

Over the past two weeks, I arranged the meeting with our client and the other teams in the Net-a-Porter office to discuss the ambiguity between our projects. I also contributed in the decision with my team to change our initial plan of using the user's mirror reflection into using an avatar that resembles the user. I did the majority of the slides for our presentation pitch and helped 3D scan the garments on a mannequin.

### Haran Anand

Over the past two weeks, after playing a key role in ensuring that the other VR team's project didn't cross over too much to our project, during our meeting with the client and with Dr Harry Strange; I helped scan the 3D garments, which we had received from Net-a-Porter. As well as this, I helped to map out our progress goals for the next two weeks, by helping to assign roles to each individual person, in order to reach our targets quicker and more efficiently. During the elevator pitch, I also successfully put forward the information I was required, developing a quick speech to ensure clarity and conciseness.

### Yli Kelani

In the past two weeks, I helped make our elevator pitch, contributed to the decision to commit to a certain design plan and helped scan clothes that were given to us by Net-A-Porter. We had our 2 minute elevator pitch with our clients present. I helped with the content that was used on the 3 slides we presented and I wrote the script for the slide I was given. During one of our meetings, we were told that the idea of using a mirror to measure depth information for spatial mapping was a near-impossible task

for us and so I helped make the decision to pursue our back-up idea which involves the user viewing an avatar with various levels of interaction. After receiving the garments from Net-A-Porter, we borrowed a mannequin from Andrew and I helped scan the garments so we could have 3D models of them for use in development.