

Meeting Agenda (week 9)

Date Month Year, Duration

27/4/2021 16:00pm-17:00pm

Attendance:

Member	Attendance
Yuliang Ma	Yes
Jiawei Fan	Yes
Yuchen Wang	Yes
Xiaoxiang Kong	No
Yimin Xu	Yes
Kai Eris (client)	Yes

Main objectives:.

1. Discuss with Kai about our design, if it is satisfactory or not.
2. Presentation structure
3. Video resource

Discuss with Kai about our design:

1. The model we have made so far based on several models. The first is using a deep learning model to decide the age and gender of a person. The second one mainly uses mediapipe package functions to get the coordinates of the person in real time. The coordinates of the person are then used to classify what activity the person is doing and the emotion of the person.
2. We show our client the videos we get, and the corresponding labels extracted from the videos. Our client is satisfactory with the output and wants to use the videos from Cinefly to test our models.
3. During the rest of the week, the team will continue train the model using the videos from Cinefly and strive to get a more accuracy result.
4. We also tell kai the difficulties we have met about the google vision API. It has an expensive subscription fee. Our client agrees that we can only deliver the above labels that we have developed in this semester, but we should use the videos from Cinefly to test the accuracy.
5. Our client also mentions that he may want to contact Charles and school to continue our project in the next semester so that we can explore more labels about the videos.

Presentation structure:

1. Our client wants to attend audit 3 and he suggests us to follow the “why”, “how”, and “what” structure for the audit 3. We have a look at the rubric of audit 3 and find it a bit difficult to organise the presentation to strictly follow why how and what. We decide to separate the things mentioned in the rubric and try best to fit those into the structure.

Video resources:

1. Our client has prepared many videos resources to us to further train and test our models. We will definitely try further adjusting the parameters and improving our models using the videos from Cinefly.

Our reflection:

1. The team members feel accomplished and rewarding that we go up to here. We had some difficulties in interacting with client and other problems. But we have finally come over those difficulties and nearly finish the project.
2. For things that we can improve, we should better allocate workload to each member. Last time we divide the model into two parts, Yolo part and mediapipe part. The whole group is working on those technical tasks and try to catch up with the progress. However, it results in the fact that we have fallen behind on some documentation parts. At the same time, team members fail to complete the Yolo part. We could have allocated the team members doing Yolo part to do documentation work. Understanding team member ability and strength can definitely improve the efficiency of the project.

Task delegation:

All these tasks are based on audit 2 framework mentioned above

Name	Task
Yuliang Ma	Train model using Cinefly videos/show case video
Yuchen Wang	Train model and contact client/show case video
Jiawei Fan	Record meeting minutes and test the model/show case video
Xiaoxiang Kong	Working on showcase videos ppt
Yimin Xu	Working on showcase videos ppt