

Meeting Agenda (week 8)

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	Yes
Yimin Xu	No
Kai Eris (client)	Yes

Main objectives:

1. Discuss the labels of the videos
2. Discussion of model design
3. Suggestions from our client
4. Video resource

Labels:

1. Age, gender, emotion and activities are decided to be developed as the labels, which form a MVP of our project.
2. Our client is interested to add one more food label to the project. Because in the storyboard given, the person is asked to show the food they eat, and food is important information of a person.
3. Our client is thinking about the possibility that we can combine the demographic information of the person and the food information to further explore the diet/health of a person.
4. Team members think it will be really cool to tell if the person is living a diet life from the videos using machine learning algorithm. But the team members are not that confident to finish this in this semester because classifying if the person living a diet life or not needs a relatively large amount of data and we currently don't have that.
5. The team will try finish the MVP before the end of this week and deliver it to our client. The food label will be researched and explored too.

Discussion of model design:

1. We tell our client we will deliver MVP mainly using mediapipe package and Yolo will be used when necessary to separate persons if there are several in the video.
2. Our client agrees that we can use any open-source package.
3. Our client shows a google vision API which can be used to extract food information from a image. Our client says we can give it a go on this.

Suggestions from our client

1. Our client also shows a TED talk video talking about “why”, “how” and “what”. He wants us to deliver a short presentation during the next meeting and has a look at the code.
2. The client also helps to make a story, for example, our project can aim to help classify if the person is living a diet life or not.

Video resource:

1. Our client says he will prepare the videos and send to us soon.

Our reflection:

1. Our client wants to visualise what we have developed. We should try to deliver MVP in the next meeting and show the labels extracted from the videos.
2. As a group a 5 people, it is a bit hard to allocate work because there are many tasks, but workforce is not enough. Therefore, tasks that are more important than others should be done firstly.
3. Three people are allocated to do the main work of delivering the MVP. Two other team members are allocated to explore Yolo model.

Task delegation:

All these tasks are based on audit 2 framework mentioned above

Name	Task
Yuliang Ma	Mediapipe model /txt label file
Yuchen Wang	Mediapipe model/txt label file
Jiawei Fan	Mediapipe model/txt label file
Xiaoxiang Kong	Yolo model
Yimin Xu	Yolo model