Education Anywhere

Team: 我想念碩士 Company: Logitech

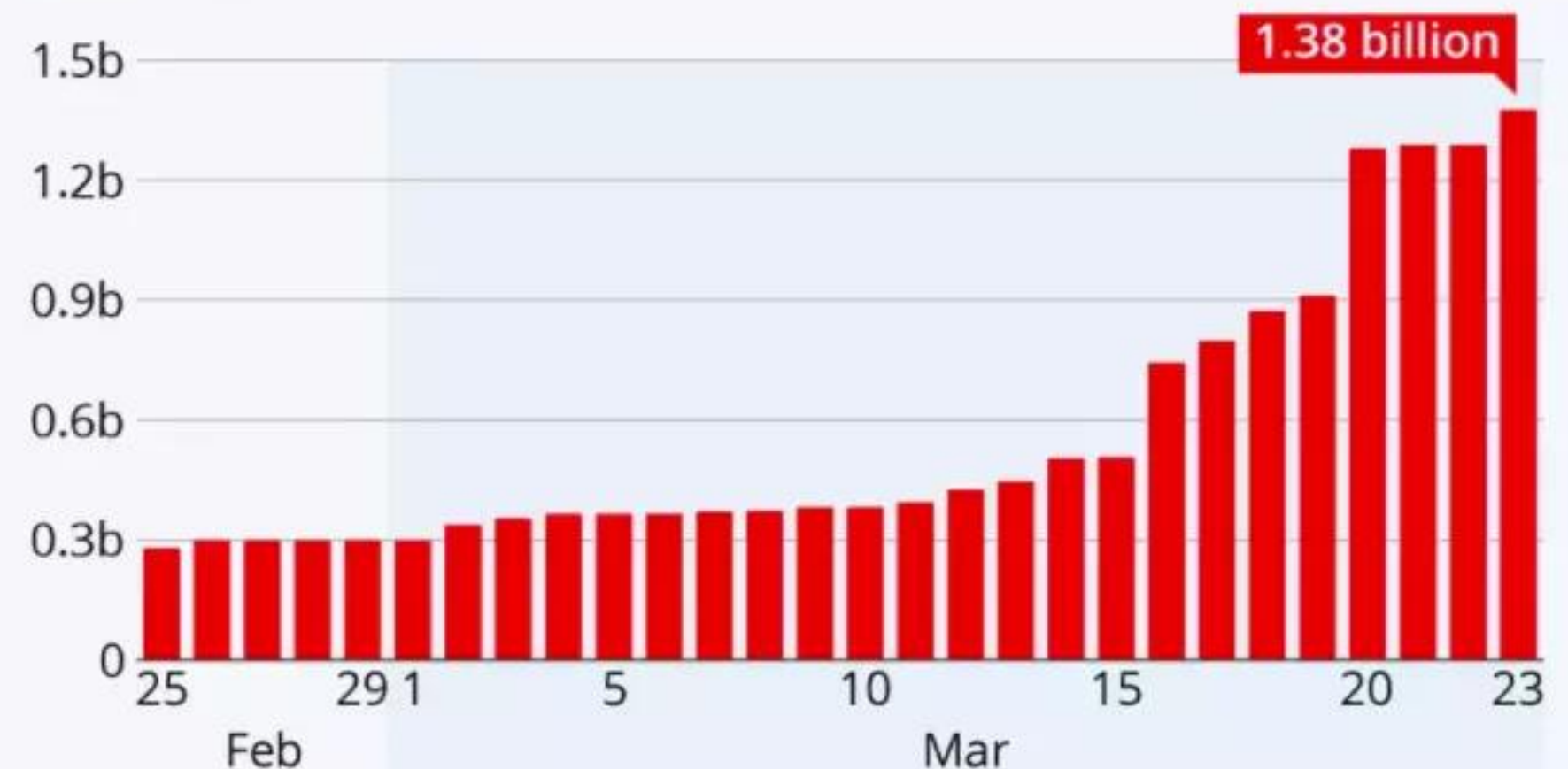施柏宇 蘇子軒 謝長軒 徐翊凌 何政儒

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SECTION 1

INTRODUCTION

Rise of Distance Learning

As the number of learners impacted by covid-19 rise

COVID-19's Staggering Impact On Global Education

Number of learners impacted by national school closures worldwide

1.38 billion

Figures refer to learners enrolled at pre-primary, primary, lower-secondary, and upper-secondary levels of education, as well as at tertiary education levels.
Source: UNESCO

statista

Our Goals

The Problem We Faced

Student's engagement in online courses may be lower than physical classes

Hard to take care of student

Teachers can see every student in the physical classes

OUR IDEA

For Students

Make a better environment for online discussing

Main Goal

Improve student's and teacher's connection in courses

For Teachers

Understand student's learning condition

Our Product

An UI for our app

Teacher/Administrator fgh

press · getdevice · ENTER

Start · Stop · reset_cumulate

Architecture

Jitsi Video Conference

Firebase as database

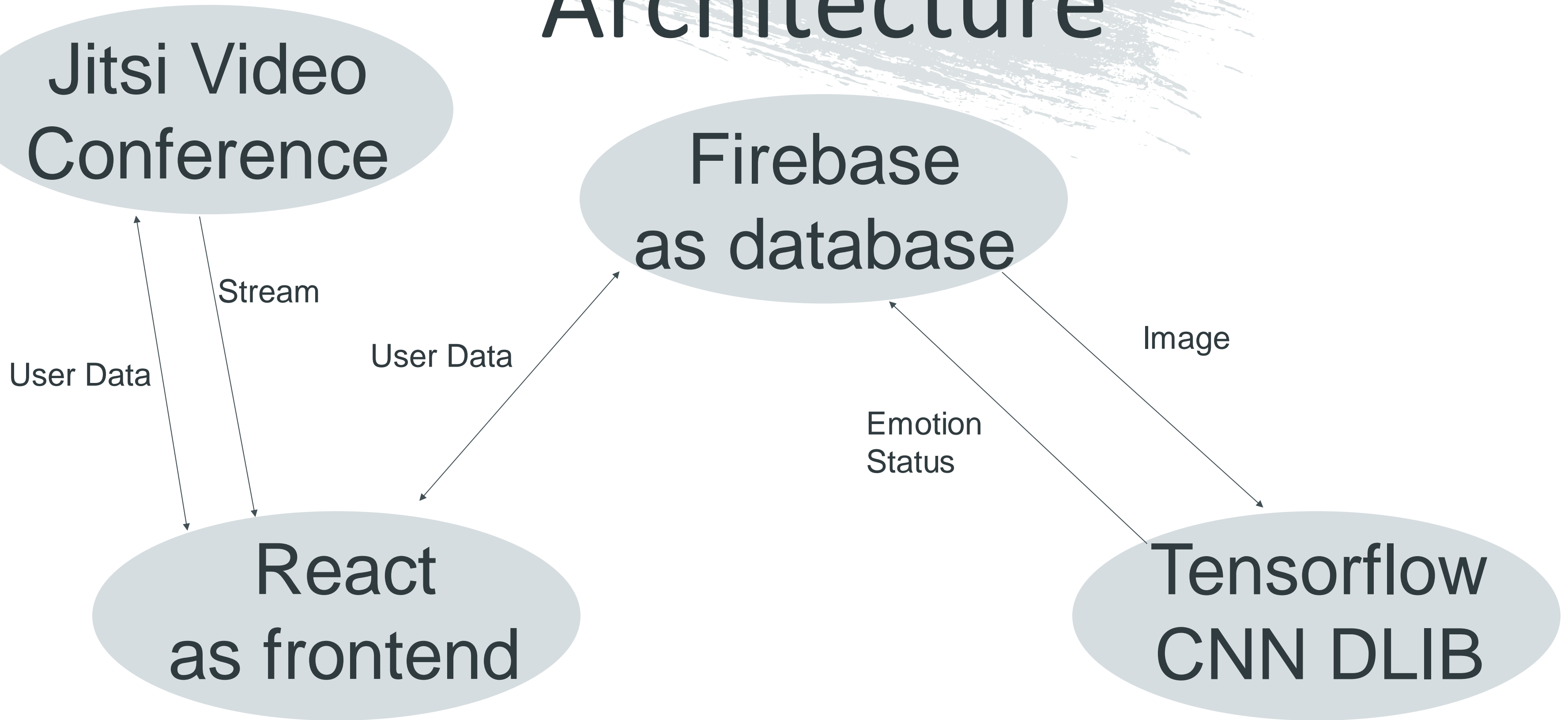**React as frontend**

Tensorflow CNN DLIB
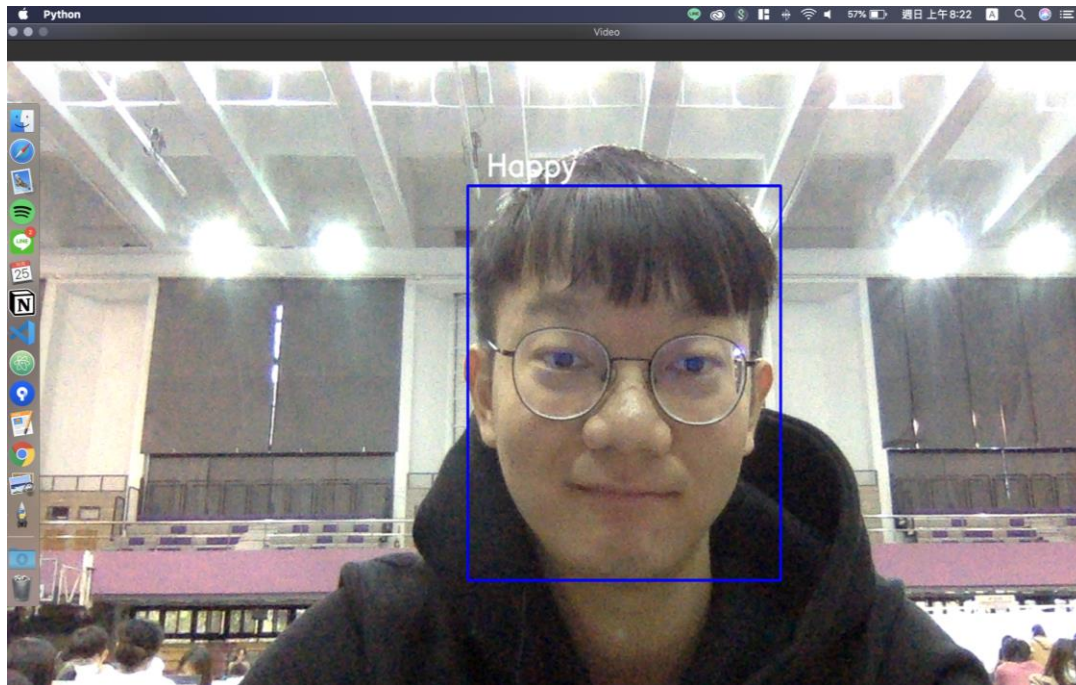
Stream

User Data

User Data

Image

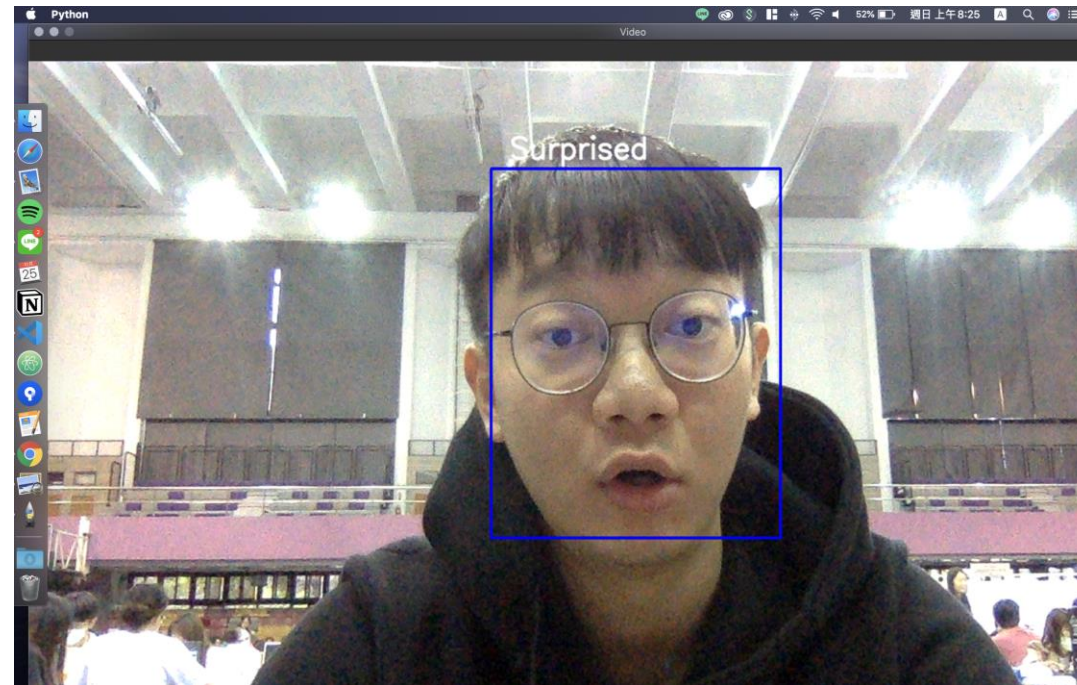Emotion Status

Enhance student's Engagement in Class

For Asian student

- Priority queue
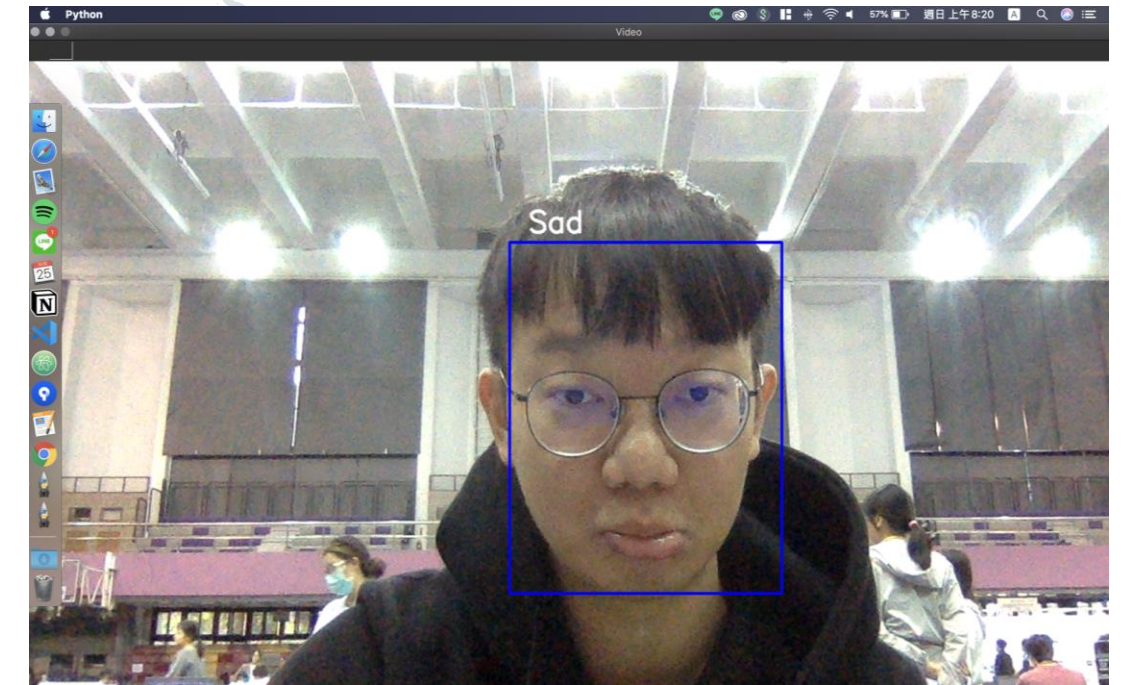- Record the speaking time of each student
- The less you speak ,the easier it is to be selected
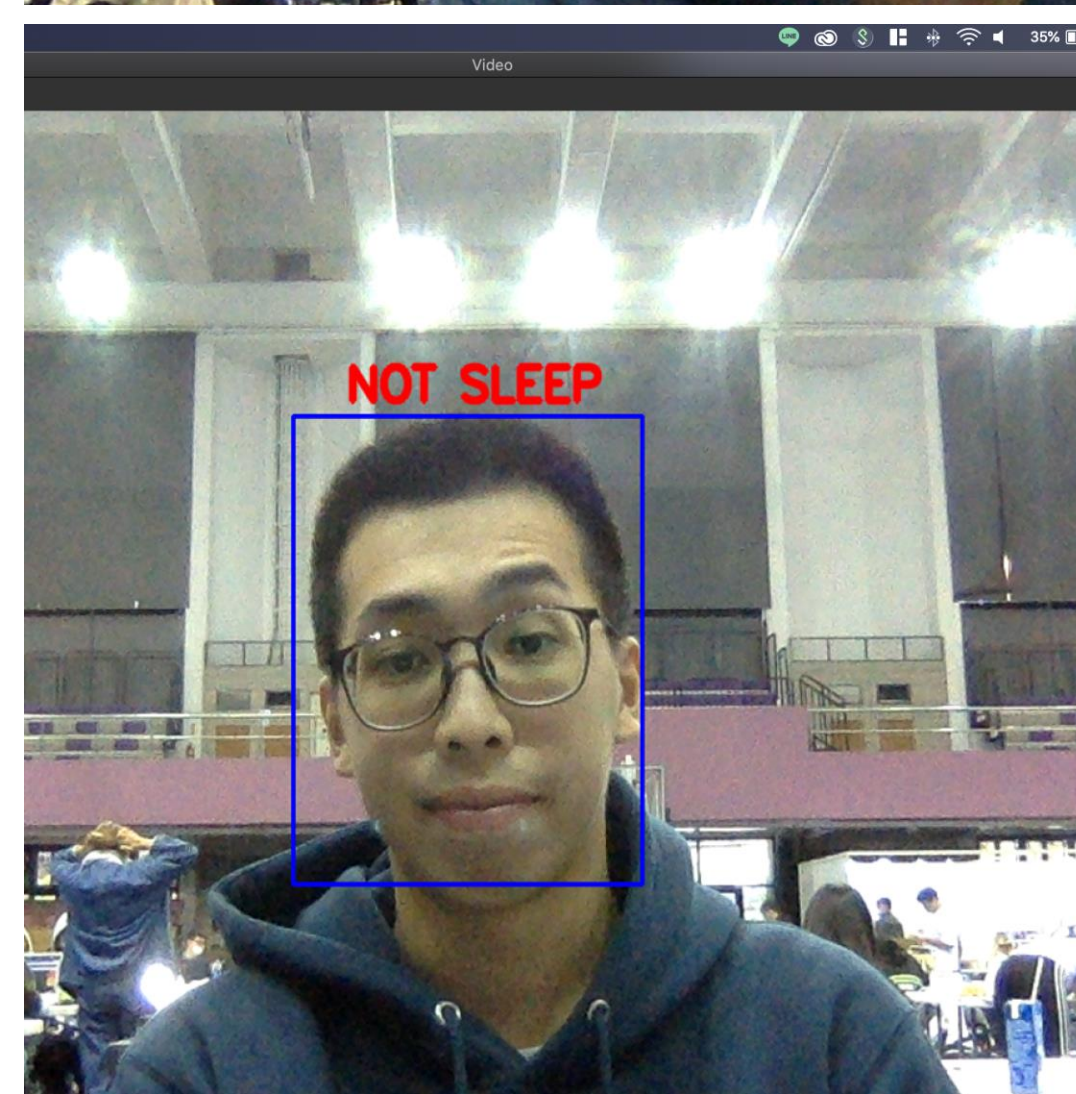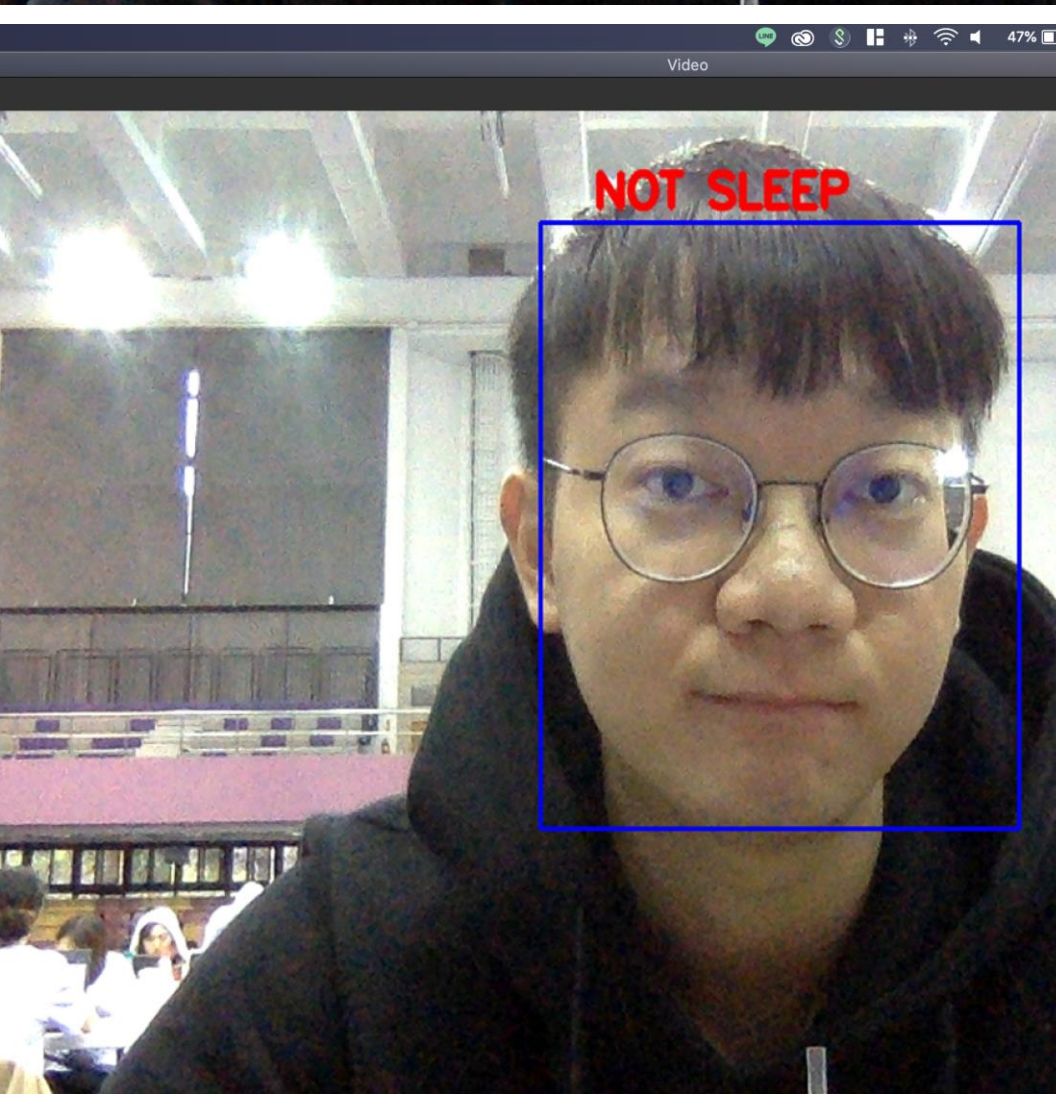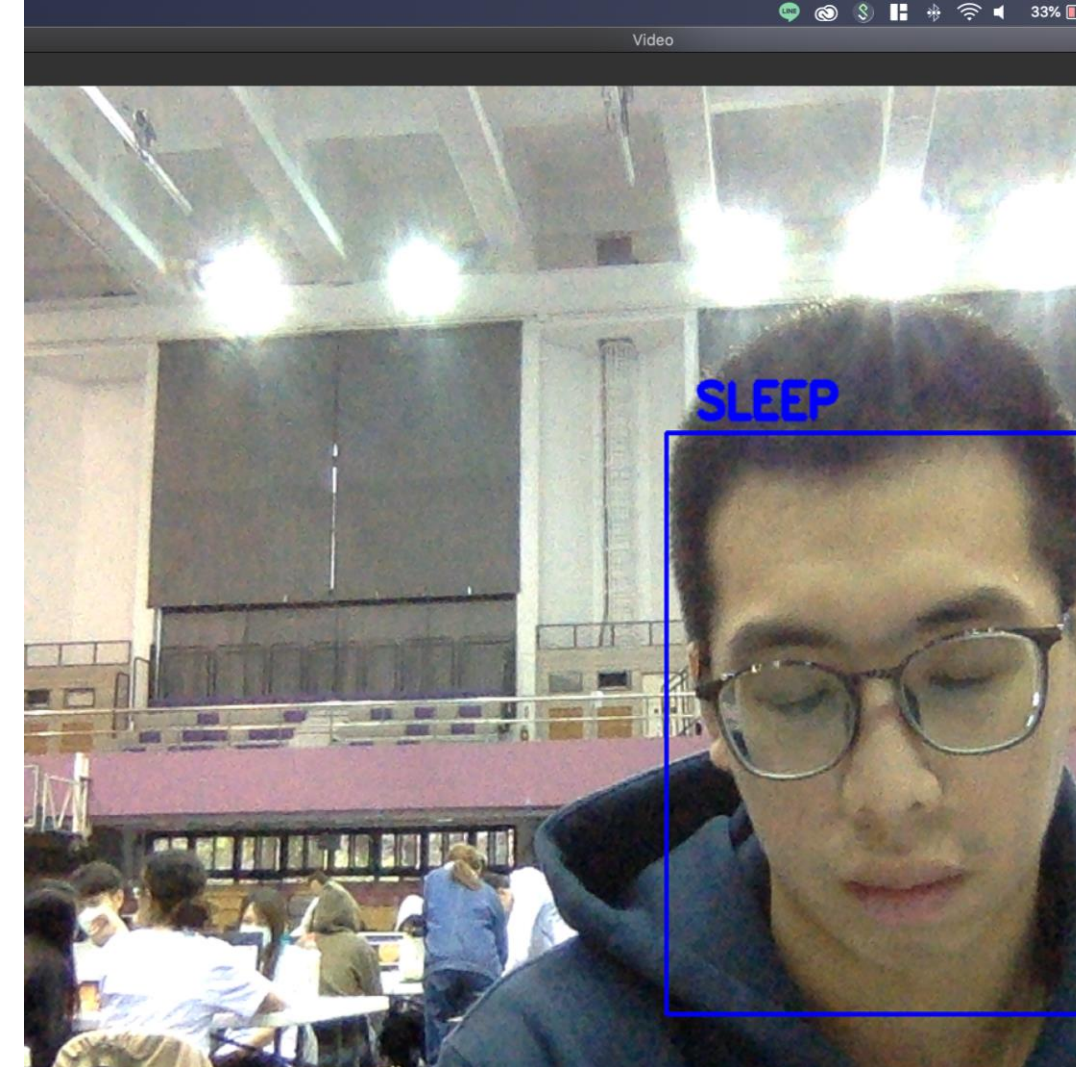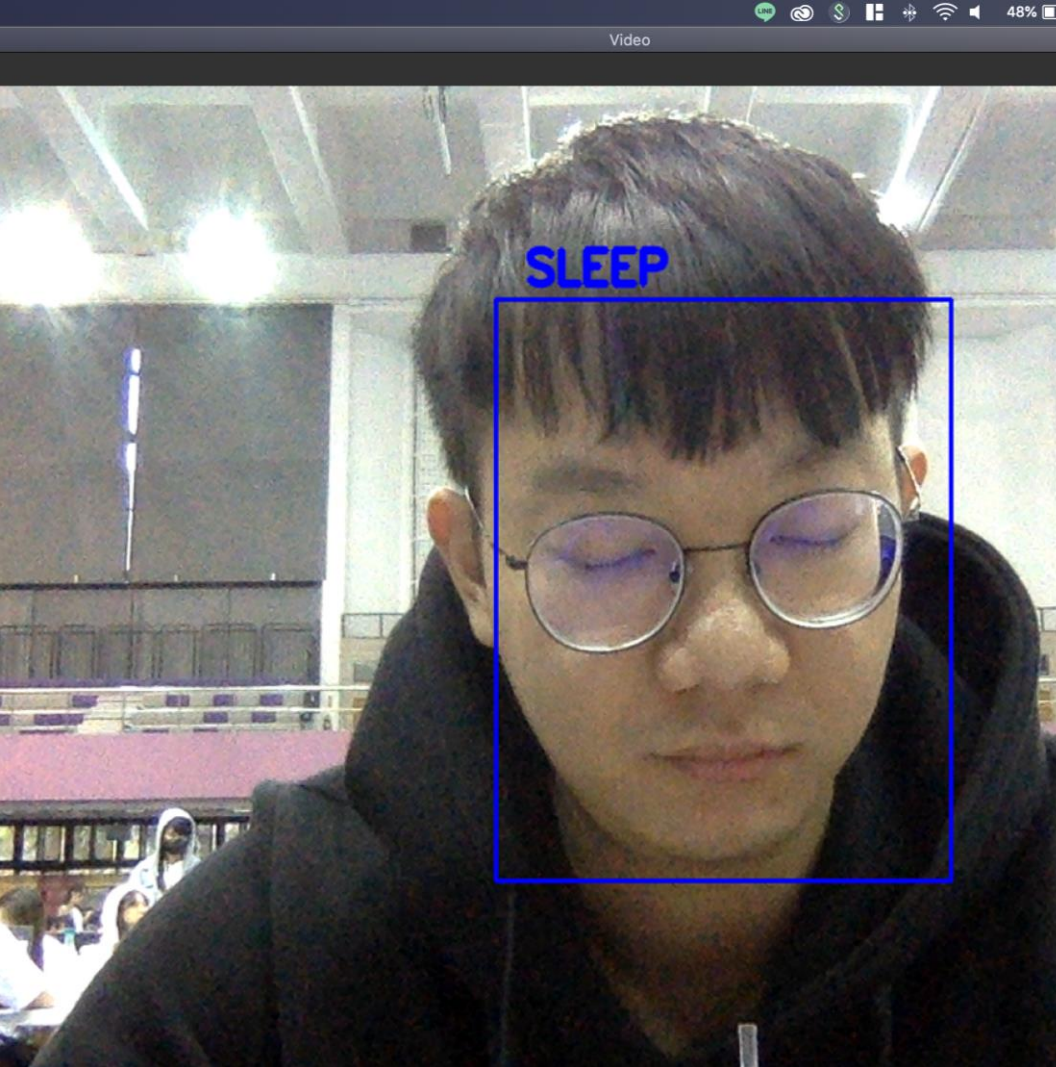
Analyze Student's Mood

Happy   Surprised   Sad

Teacher can know the mental condition of every student instantly

Sleep Detection

Webcam, your nightmare this class!

Measure the Engagement

- Speaking time record
- Speaking content record

Section 4
Demo

Thank you for listening!