Meeting Minutes

Subject
2nd Group Meeting - Lab 1

Date, Time (duration) and Venue
·   17 Aug 2022 1030 hrs – 1230 hrs ·   SWLab 3

Attendees	Non-Attendees
· Lee Xuan Hua · Alwin Chai · Fabrianne Effendi · Dario Ang · Foo Zhi Kai · Yam Hui Jing · Wong Li Han	· NIL

Chaired by	Lee Xuan Hua
Last meeting minutes have been reviewed	Yes

Progress Updates

Task	Problem/Issue/Progress	Solution/Action	Taken by & deadline
Task1	Deciding on Team Leader and Assistant Team Leader	We had a discussion that **Lee Xuan Hua** will be our team leader and **Foo Zhi Kai** will be our assistant team leader.	Team / 17 Aug 2022
Task2	Deciding on Team Name	After much consideration, our team name is **Team Visionaries**.	Team / 17 Aug 2022
Task3	Assignment of Roles	Based on the members' strengths and preferences, we assigned the following roles to each member:	Team / 17 Aug 2022

		Project Manager – Lee Xuan Hua **Lead Developer** – Alwin Chai **Front-end Developer** – Fabrianne Effendi **Back-end Developer** – Dario Ang **QA Manager** – Foo Zhi Kai **QA Engineer** – Yam Hui Jing **Release Engineer/Manager** – Wong Li Han	
Task4	Assigning Lab 1 Deliverable	In order to better facilitate the submission of our deliverables, we have split up the work in the following manner: **Project Proposal** – Lee Xuan Hua, Alwin Chai, Dario Ang **Use Case Model** – Fabrianne Effendi, Foo Zhi Kai **Backlog** – Wong Li Han, Yam Hui Jing We will have a Zoom meeting to review the deliverables on 21 Aug.	Team / 21 Aug 2022
Task5	Deciding on the Structure of Project	Cheating Prevention is a webpage application that helps school invigilators to track and help tackle cheating. The students, acting as another actor will run the python program. **Back End** – python **Front End** (dashboard) – react **Database** – Firebase **Computer Vision** – 1. Log in Verification (NRIC & Photo is stored in Database, so	Team / 17 Aug 2022

		when the actor logs in, check NRIC)	
		2. Impersonation (real-time face vs face in Database - check if match)	
		3. Audio input (mouth movement vs talking)	
		4. Webcam (tracking of eyeball movement, people detection)	
		5. Screen capture vs keystrokes (checking if keystrokes were made but the screen capture remained static)	
		The videos and audios will be processed. Only when there are flags raised, the data will sent to the database so that school invigilators can view the flagged student.	
Task6	Discussion on System Architecture	**Top-down approach** Input (eg. impersonation) Firebase Output (Big picture can be found in Appendix)	Team / 21 Aug 2022
The next meeting will be held			21 Aug 2022 (Sat), 2200 hrs, Zoom
This minutes have been agreed by all attendees			Lee Xuan Hua

Appendix

Input

Python

eyeballs · people detection

web cam

screen capture

comparing screen & stoke

keystrokes

If flagged

firebase

React dashboard

host on Amazon ECP

if person talking

audio

picture

Match identity

Invigilator

Student run Python Program