Minutes of the Project Pyro: Internal Minutes

Date   : Tuesday, 22nd February 2022

Time   : 2000 Hrs

Location   : Zoom (Online)

Present:
Zeph Ng , Backend Developer & IoT Engineer, Project Pyro
Chua Soon Ann, Computer Vision Developer, Project Pyro
Livana Ho, Project Manager, Project Pyro
Kelly Tay, UI/UX, Project Pyro
Henry Wee, Quality Assurance, Project Pyro

Late with Apologies:

Absent with Apologies:
Pearlyn Loh, Frontend Developer, Project Pyro (COVID Positive)

Item	Discussion	Action(s) by
1	**UAT Internal**	
1.1	Zeph concluded that we are unable to do testing for distance over the weekends because the test cases are on the computer and the computer screen is too small for the camera to test.	
1.2	Livana suggested doing user testing on the projector screen for a longer distance.	
1.3	Henry suggested doing a test based on people burning incense paper., should not be a safety concern since we are not the one burning anything and we are merely observing others.	
1.4	Zeph asked whether there is a governing mandate to limit burning of incense paper.	
1.5	Henry said it is not illegal and Zeph suggested the outdoor testing to be done during UAT 1.5.	
1.6	Zeph said our outdoor computer vision model is pretty accurate and instantaneous, but we will need to make some adjustments and train more on indoor fire.	
2	**Demo, System Architecture and Mid-Term Presentation**	

2.1	Zeph and Soon Ann to film demo video for mid-term presentation by this Thursday.	Zeph Ng, Chua Soon Ann
2.2	Zeph will finish the system architecture by Wednesday.	Zeph Ng
2.3	Henry confirmed the speakers for the presentation and the three speakers will be Henry, Zeph and Livana.	
2.4	Livana updated that SCDF will not be attending our meeting.	Livana Ho
3	**_UAT for sponsors_**	
3.1	Zeph said we are doing the second UAT with sponsors in the middle of March.	
3.2	Livana updated the group that Mr Yeo from SCDF and Kelvin from OSS said it is not necessary to do weekly updates with them.	
3.3	Zeph said we will finalised dates for UAT 2, it will be on 7th March and the third UAT will be 14th March. We will need to do two UAT with SCDF, one for the dashboard and the other for the fire.	
3.4	Zeph suggested checking with Professor Thivya whether we need to set two different dates for both tests, or can we squeeze both testing on the same day.	
3.5	Henry asked about how we will conduct the demo during the mid-term presentation. Zeph wants to use two computers assuming we are presenting physically in school.	
4	**_Computer Vision Model_**	
4.1	Soon Ann found a new dataset for the computer vision model and annotated it for indoor fire. However, he is facing some issues with the annotation and is currently working on it. (1000 images)	
4.2	Soon Ann also mentioned it is a conversion issue and he will try to fix it as soon as possible. He will also write the documentation for Yolo5 for the midterm presentation slides by Thursday.	Chua Soon Ann
With no further items, the meeting adjourned at 2025Hrs		

Prepared by/date   : Henry Wee / 22ndFebruary 2022