

Minutes of the Project Pyro: Sponsor (OSS) Meeting Minutes

Date : Thursday, 31st March 2022

Time : 1700 Hrs

Location : Zoom (Online)

Present:

Zeph Ng , Backend Developer & IoT Engineer, Project Pyro

Pearlyn Loh, Frontend Developer, Project Pyro

Livana Ho, Project Manager, Project Pyro

Henry Wee, Quality Assurance, Project Pyro

Mr Kelvin Tan, Fire Safety and Education Manager, Office of Safety & Security

Late with Apologies:

Absent with Apologies:

Kelly Tay, UI/UX, Project Pyro

Chua Soon Ann, Computer Vision Developer, Project Pyro

Item	Discussion	Action(s)) by
1	<i>Update on timeline</i>	
1.1	Livana provided a summary of the progress we have made since the last check in meeting. Previously we only finished the hardware and since then we did an internal testing and have been working on software improvement on both the models and dashboard.	
1.2	Zeph shared his screen and showed the dashboard and the new features that we have included. For the SCDF's account we have the complete details of the fire station and stakeholders fire camera. The red pin represents a fire and SCDF has a choice to dispatch a team down. After selecting the dispatch button, the pin will change the status to blue.	
1.3	Kelvin asked whether the SCDF functions are being assessed for our FYP or is it just a good to have function since the main sponsor is OSS. Kelvin said if we are supposed to meet SCDF requirements, it will not be so straightforward and operationally it will be more complex than what we have here. Kelvin was worried that our assessor would grade us based on SCDF requirements.	
1.4	Zeph clarified and said we will not be affected greatly since we are looking to solve the building managers problem. He proceeded to talk about the mute function on the SCDF dashboard. Once there is a fire, the camera	

	will pan left to right and if it does not detect a fire, it will automatically mute the alarm.	
1.5	Zeph also talked about profile management. The reason why SCDF uses DECAM is to reduce the admin work on SCDF end. We changed the registration process that allows them to manage and tag their Camera with a unique ID. By doing so, SCDF does not need to be the one handling the administrative work of registering the cameras. Since the camera does not have GPS we will need to manually key in the longlat on the profile management page.	
1.6	Kelvin mentioned that our solution is quite straightforward. There are only a few main functions. He asked in the event if they click on the pin, is it possible to show the floor plan and show specific details of the location.	
1.7	Zeph asked Kelvin about how SCDF operates to have deeper insights. Kelvin mentioned that apart from SCDF fire station, SCDF also has fire posts. Depending on what kind of fire, there will be different deployments. For example if there is a rubbish fire, they will deploy a Rhino, if it is a HDB fire, there will be a standard deployment of two fire trucks and more. Also, for suicide cases there will be a need to deploy airbags so a normal dispatch button is not sufficient because deployment is much more complicated.	
1.8	Zeph also showed Kelvin our fire testing at the BBQ pit and the success we have.	
With no further items, the meeting adjourned at 1725Hrs		

Prepared by/date

: Henry Wee / 31st March 2022