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

Date : Thursday, 29th March 2022

Time : 1200 Hrs

Location : Zoom (Online)

Present:
Zeph Ng , Backend Developer & IoT Engineer, Project Pyro
Chua Soon Ann, Computer Vision Developer, Project Pyro
Pearlyn Loh, Frontend Developer, Project Pyro
Livana Ho, Project Manager, Project Pyro
Henry Wee, Quality Assurance, Project Pyro
Kelly Tay, UI/UX, Project Pyro
Mr Yeo, Fire Safety and Education Manager, Singapore Civil Defence Force

Late with Apologies:

Absent with Apologies:

Item	Discussion	Action(s) by
1	***Updates***	
1.1	Zeph shared his screen on the dashboard and went through the authentication process for the login page and process to login to a dummy account for SCDF. He went on to elaborate on the coloured pin's status. Grey pins refer to the fire stations while green, red and yellow represent the cameras. Blue pins are to indicate an emergency response team has been dispatched to the location with fire.	
1.2	Zeph also went through our mute function, it will be available to both SCDF and the end user. The mute function will last for an hour, during this period if the camera picks up any other confirmation of fire, it will automatically mute within the hour. Once it is muted, the pin will turn grey but the user can unmute it earlier if they wish to do so.	
1.3	Zeph also mentioned that for the buildings, the users can head to their profile management to take a look at the buildings under their organisations. The user has the ability to update information of any particular building they own to provide more information like the number of levels or the type of hazardous materials they are storing in the facility.	

1.4	Zeph also went through the process flow in an event of a fire. If there is a fire detected, the camera will do a 180 degree sweep which will last around 30 seconds. Once the camera detects a fire, it will stop there. If the fire alarm triggers and the camera cannot find any fire at all, it will alert the user and automatically mute the fire alarm and send a notification to signal that it is a false alarm . The user cannot see all fire station locations till the fire station dispatch an emergency response team.	
1.5	Registration will be done by the user and we will be the one supplying the camera and input the ID as they buy the solutions. By doing this, we are able to remove the administrative processes from SCDF. This is in response to the feedback made in the last meeting.	
	If our solutions can provide omni presence then SCDF will be allowed to adopt it and use it . in response zeph replied that we have find ways to solve this problem by including a pan tilt for 180 degree	
2	**Feedbacks from Mr Yeo**	
2.1	Mr Yeo mentioned that from a conceptual level it is good and useful, but from SCDF perspective, it may be a little hard to understand the proposed solution.	
2.2	Mr Yeo mentioned that the solution proposed needs to have an omnipresence to have surveillance throughout all of Singapore to make it viable. He said instead of looking at the whole of Singapore, why not focus on a particular area.	
2.3	Mr Yeo suggests focusing on an area and pointing out how we can cover all spots to ensure that every corner is covered with our solution. Zeph mentioned that we took that into consideration and already decided to focus on SMU, that is why we are working with OSS.	
2.4	Mr Yeo also mentioned that showing him the entire map of Singapore led him to think that our POC is meant for the whole of Singapore as opposed to SMU alone.	
2.5	Another challenge Mr Yeo pointed out was the actual implementation will be hard to execute because the real life application will probably cost more than our current proof of concept which will be hard to convince or support it as a compliant item.	
With no further items, the meeting adjourned at 1230Hrs		

Prepared by/date   : Henry Wee / 29th March 2022