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

Date   : Thursday, 17th February 2022

Time   : 1700 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	***Introduction to our solution***	
1.1	Henry started off the conversation by asking Mr Yeo about possible feedback for SCDF.	
1.2	Mr Yeo said he is a data analytics person so he cannot give us real feedback from a user perspective because he is not on the ground. That being said he will try to steer us towards the data analytics direction.	
1.3	Zeph introduced our proof of concept . He showcases the various hardware and software we are using. He started off with the introduction of the raspberry bi and thermal camera component. Did a short demo with a lighter and pearlyn went on to show how the dashboard works (explanation of different status)	
1.4	Mr Yeo mentioned his concern to have a system with both image and video stream and being deployed to every corner of Singapore to make the system reliable. The current standard operating procedure is via	

	DECAM. He is also mentioned he is speaking from the perspective of a non-uniform officer.	
1.5	Mr Yeo also mentioned that SCDF should not be held liable if we are unable to have total surveillance on the entire island. Singapore will likely need another 5 years to 10 years for us to position our solution properly.	
1.6	Zeph said we understand his concerns, we are trying to add more features in the future to provide more information for the stakeholders. We will also want to include features like finding the nearest fire station.	
1.7	Mr Yeo said that such a feature is already available on some platforms. He also mentioned if we are able to provide specific information on buildings, it will be useful. It will be useful in deciding how urgent or bad the situation based on factors like whether the building is in an industrial area or whether they store flammable materials.	
1.8	Zeph said the suggestions were great but we will probably not be able to execute it during the course of this project because it was not stated in the scope and it will require more time for us to figure out a solution. However, even if we are unable to develop these suggestions, we will include it in the project for future work consideration.	
2	*Update on project timeline*	
2.1	Zeph update on our current progress and what we will be doing next. Moving forward Livana will update him every Monday(What we will be working on) and Friday(What we have achieved).	
2.2	Mr Yeo said our function to cancel dispatch is probably not very useful since they cannot cancel their dispatch status and it is usually too slow.	
2.3	Mr Yeo also mentioned that DECAM services are provided by different private companies. SCDF is paying them to manage and there are some penalties given to them for false alarm.	
With no further items, the meeting adjourned at 1740Hrs		

Prepared by/date   : Henry Wee / 17th February 2022