

Minutes of the Project Pyro: Internal Minutes

Date : Tuesday, 5th April 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

Pearlyn Loh, Frontend Developer, Project Pyro

Late with Apologies:

Absent with Apologies:

Item	Discussion	Action(s)) by
1	Report and Slides Updates	
1.1	Henry shared a screen and went through the flow of the report. He mentioned that the introduction (first section) of the slides is almost completed and needs minor adjustments .	Henry Wee, Kelly Tay,
1.2	Livana went through the flow of the project management section of the slides and mentioned that she will be explaining the timeline, sponsor feedback, change log format, and project scope. She also took some screenshots of the dashboard and included it in the slides.	Livana Ho, Zeph Ng
1.3	Henry mentioned that there are some updates on the dashboard and asked Zeph if we should include and keep the slide on “Transition to flask”. Zeph decided to keep it and this slide will explain the technical details of Heroku.	
1.4	Henry mentioned about the slide for “User management” and clarified with Pearlyn on the details about it. Pearlyn states that Henry just needs	

<p>1.5</p> <p>1.6</p> <p>1.7</p> <p>1.8</p> <p>1.9</p> <p>1.10</p> <p>1.11</p>	<p>to add in the view from both SCDF and Facility Management side to show the difference between the interface of the different end users.</p> <p>Henry confirmed with Soon Ann regarding the “Computer Vision Model” slides and why is it that data used is lesser than the original dataset source. Soon Ann replied that the reason for not using the full dataset is because most of the pictures had low resolution and were not annotated clearly. Additionally, many of the pictures are for outdoor fires which is why he replaced some of the outdoor fires and added in pictures of indoor fires. Soon Ann will edit the slides by midnight. Soon Ann also mentioned that we should include training of the black smoke based on sponsor feedback.</p> <p>Henry asked if we needed a slide for the UAT results. Livana mentioned that we can have 1 slide on it. Zeph mentioned that we need to bring up on the task that failed and how we edit the dashboard based on the user feedback. Zeph will take new screenshots of the new edit function to change the longitude and latitude of the camera.</p> <p>Livana went through her slides about the quality control and mentioned that she will split into 2 parts, review and testing. Livana mentioned that she is currently still editing it. Deployment review will be based on Henry and Livana did the test. Regression tests can be added in as well based on Zeph’s feedback. Livana will be editing this slide based on current feedback</p> <p>Zeph mentioned that under limitations and challenges, TPU delay can be one of the limitations as it leads to a 4 seconds refresh rate. Covid can also be added in as a challenge as it leads to us not being able to do the testing physically together.</p> <p>Zeph enquired about the project metrics and how we can determine if the sprint is successful. He suggests that one way to determine if a sprint is successful is when all the tasks are completed and any remaining task is pushed to the backlog. A buffer time can be created during phase 3 such that there is additional time to clear all the backlog. Livana will need to do another backlog after meeting with professor Thivya on Thursday once the final presentation date is confirmed.</p> <p>Zeph mentioned that the risk management needs to be edited to add in a risk regarding the fire safety during testing as we did not manage to conduct the testing at a supervised area with SCDF.</p> <p>Henry, Livana, Kelly and Zeph stayed behind to edit and furnish the slides.</p>	<p>Soon Ann</p>
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2	<i>Dashboard Updates</i>	
2.1	Pearlyn mentioned that she will complete the FAQ page on the dashboard by Friday.	Pearlyn Loh
3	<i>Hardware - Purple Tint of the Camera</i>	Zeph Ng
3.1	Zeph mentioned that he tried to add in filters to remove the purple tint of the camera. However, adding the filter might result in a slower processing time and it will affect the camera under dimly lighted areas.	
With no further items, the meeting adjourned at 2130Hrs		

Prepared by/date : Kelly Tay / 5th April 2022