

## Minutes of the Project Pyro: Supervisor Meeting Minutes

Date : Thursday, 10th February 2022

Time : 1600 Hrs

Location : Zoom (Online)

### Present:

Zeph Ng , Backend Developer & IoT Engineer, Project Pyro  
 Chua Soon Ann, Computer Vision Developer, Project Pyro  
 Pearlyn Low, Frontend Developer, Project Pyro  
 Livana Ho, Project Manager, Project Pyro  
 Henry Wee, Quality Assurance, Project Pyro  
 Professor Thivya, Faculty Supervisor, SMU-SCIS

### Late with Apologies:

### Absent with Apologies:

Kelly Tay, UI/UX, Project Pyro (Lesson)

Item	Discussion	Action(s) ) by
<b>1</b>	<b><i>Update from Professor Thivya on documentations</i></b>	
1.1	Professor Thivya mentioned apart from presenting technical complexity, we will need to explain how our project affects the smart nation portion since our course specialises in that.	
1.2	Zeph asked whether the level of documentations will be the same as students from IS. Professor Thivya said since we have not taken IS212 we can just update the wiki regularly and keep minutes updated regularly with the sponsors and it will suffice as documentation. We will also need to have a risk metrics and remedy plan for possible challenges we may face.	
<b>2</b>	<b><i>Check on the updated timeline</i></b>	
2.1	Zeph shared screen and showed the new timeline. We have changed the timeline because we realised the old timeline is not very detailed and there were some delays faced with the hardware delivery which requires us to shift some of the testing at a later time. Phase 1 main focus on hardware and phase 2 focus will be on software and transition to flask. Moving on we will be to add in our secondary function to have a pan-tilt function so we can scan for fire. Phase 3 is not clearly define because we	

	are assuming we will face some issues in the near future and use that as a buffer to debug such issues.	
2.2	Professor Thivya said we will have 5 to 6 weeks after the mid-term presentations to finish the rest of the documentations.	
2.3	Zeph mentioned we are around 60% done right now and we will not have the pan-tilt mount mounted on by mid-term presentation.	
2.4	Professor Thivya told us to create a subsection to document the changes made to the timeline and upload the new table.	
<b>3</b>	<b><i>Clarification on claims</i></b>	
3.1	Zeph asked whether there is an official email for the total amount claimable for this project. Professor Thivya mentioned she will write to someone to confirm the details. She will send us the details over email, most probably following SMU-X requirements.	
<b>4</b>	<b><i>Project Management Tool: JIRA</i></b>	
4.1	Zeph mentioned that Livana is using JIRA as our main tool for project management. In our roadmap, we created epics for each module (fire detection, thermal camera, raspberry pi, database and system integration).	
4.2	Zeph asked whether he is using the term 'epic' correctly for each module.	
4.3	Zeph asked since we are doing multiple system integration, can we have multiple timeline each dedicated for each integration. Professor Thivya said it is okay either way.	
4.4	Zeph also showcased the columns and added a code review tab which allowed all to double check the codes.	
<b>5</b>	<b><i>Clarification UAT</i></b>	
5.1	Zeph asked how we can conduct the UAT. Professor Thivya gave us examples of testing for checking on the account, and gathering UI/UX feedback from sponsors. We will need to have different scenarios for the users to test. We will need to do UAT for both hardware and software.	
5.2	Zeph asked whether it is okay to do one UAT for the camera because of the limitation to resources and it will be quite hard to set up a meeting with SCDF to conduct multiple testing.	
5.3	Professor suggested for the rest of the group members doing the testing that we will need to film or provide some evidence to show that proper testing have been done.	

5.4	Zeph mentioned that he did some internal testing on his neighbour burning incense paper and asked if this can be considered as a form of testing. Professor Thivya replied yes.	
<b>6</b>	<b><i>Clarification on learning outcome and key metrics</i></b>	
6.1	Professor Thivya said the learning outcome is what we have learnt. It can be project management related or technical related.	
6.2	Zeph asked how we determined key metrics for fire detection. Professor Thivya mentioned we just need to provide latency and accuracy of detection	
With no further items, the meeting adjourned at 1630Hrs		

Prepared by/date

: Henry Wee / 10th February 2022