

## Meeting minute

MEETING NAME:	WEEK 4 – PROJECT MEETING			
DATE OF MEETING	05/05/2020 + 08/05/2020	TIME:	START	15h on 05/05 9h on 08/05
			END	15h30 on 05/05 9h30 on 08/05
MEETING PURPOSE	<ul style="list-style-type: none"> <li>- Discuss the way and rule when develop the project</li> <li>- Decide the backend language that connecting the app with the database</li> <li>- Discuss the pair of topic that we are going to use in the project</li> <li>- Assign task for each member in the group</li> <li>- Discuss about the difficulties that each member are facing at the moment</li> </ul>	MEETING LEADER	TRUONG MINH DUY	
		Prepared by	TRUONG MINH DUY Using Google Hangout Meeting link: - 05/05: <a href="https://meet.google.com/dgf-zfwf-pay">https://meet.google.com/dgf-zfwf-pay</a> - 08/05: <a href="https://meet.google.com/syc-dfpo-xjx">https://meet.google.com/syc-dfpo-xjx</a>	

### 1. ATTENDANCES AT THE MEETING

Name	Student ID
NGO NGUYEN DUY AN	1752063
PHAM TUAN ANH	1651006
TRUONG MINH DUY	1652113
VO DONG HO	1752219
TRAN MINH HUNG	1652271

### 2. MEETING NOTES, DECISIONS, ISSUES

After finalizing all mock up test, we decide that it is time to choose a way for all of us can share the progress when developing the app. Naturally with the new policies of **GitHub**, we find it suitable for developing our project and we also initialize a repository for all member. However, we also lay out some ground rule when developing this project together for the sake of everyone's hardwork.

With front-end language and framework chosen along with database for the application, we also discuss about the backend language that we are going to use to connect our application with the database. As for now, we think **PHP** might be the most suitable one so we decide to go with it as our backend language.

With the introduction of MQTT and device topics. We also need to pick a number of topic pairs for our project. Since we do not have a lot of experience in this part, we currently only pick 2 pair that we think are doable, which are **light sensor + display light and**

**temperature sensor + display light.** However, as we get more experience in this regard, the number of topic pair might increase as well.

Next, we discussed about which task to assign to each member for this week. With the requirement from professor, we assigned each member with the following task:

- Learn Github commands.
- Design UI for assigned feature on Android Studio
- Research MQTT
- (If possible) learn mySQL command for database manipulation

Finally, we also checked if any of us has any difficulty in the developing process. It seems that all of us have difficulty in learning all the new language and frameworks and developing the project together:

- We do not have any experience with MQTT system
- PHP is too new to us
- Experience in linking database and app in backend of our group is lacking

However, we think that with all of the new information and knowledge, one more week for each member to learn and find their own difficulty is justifiable. Next week, we will continue to check on each member for any difficulties.

This week, we will show the mock up of each feature in our system.

1. ACTION ITEMS			
Action	Assigned to	Due date	Additional information
Mock up for register new device and new plant	NGO NGUYEN DUY AN	5/5/2020	All members must review and draw their own deployment diagram. After discussion, our group will choose the best diagram for submission.
Mock up for send notification to user	PHAM TUAN ANH	5/5/2020	
Mock up for view report	TRUONG MINH DUY	5/5/2020	
Mock up for manually turn device on/off	VO DONG HO	5/5/2020	
Mock up for turn device on/off	TRAN MINH HUNG	5/5/2020	