

## Meeting minute

MEETING NAME:	<b>WEEK 6 – SOFTWARE ENGINEERING PROJECT MEETING</b>			
DATE OF MEETING	18/05/2020	TIME:	START	14h
			END	15h
MEETING PURPOSE	<ul style="list-style-type: none"> <li>- Determine the database structure from member's design</li> <li>- Discuss functions needed to get information from database</li> <li>- Research and discuss about the direction of each member</li> <li>- Assign task for each member in the group</li> <li>- Discuss about the difficulties</li> </ul>	MEETING LEADER	TRUONG MINH DUY	
		Prepared by	TRUONG MINH DUY - Meeting at floor 4, A4 building	

### 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

From the design database of each members, we have design the most optimal database for our system.

Next, we need to discuss about which information of database that we need to query and design sql and function to get those information. Currently, we need to get:

- Username, password, gmail, user\_id
- Input device id, input device name
- Output device id, output device name
- Input device measurement history

Next, we discussed about each member assigned feature and recommended some direction for that assigned feature.

- For register device and plant, we can check if device exist on system with MQTT supported library on Android Studio and the ask user to enter which device they want to link with
- For control device manual, we can create a list view of which devices user has then create a new tab when they click on list view to control output device or view sensor detail

<ul style="list-style-type: none"> <li>- For control device automatically and send notification, we can run a background service to check and send notification if needed.</li> <li>- For generate report, we can use supported library to draw graph according to our measurement.</li> </ul>
<p>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:</p> <ul style="list-style-type: none"> <li>- Draw class diagram</li> <li>- Design class for each layout that member has created</li> <li>- Research way to connect from database through PHP to our application</li> <li>- Explore MQTT supported library on Android Studio</li> </ul>
<p>Finally, we also checked if any on us has any difficulty in the developong process. It seems that all of us have difficulty in learning all the new language and frameworks and developing the project together:</p> <ul style="list-style-type: none"> <li>- We have not decide which method to connect from mySQL database to our app through PHP.</li> <li>- Some direction in above part are very new to the member in charge of that feature.</li> <li>- Our team still lack of communication in finding team member difficulties.</li> </ul> <p>Next week, we will continue to check on each member for any difficulties.</p>
<p>This week, we will collect the class diagram of each feature in our system.</p>

1. ACTION ITEMS			
Action	Assigned to	Due date	Additional information
Class diagram	NGO NGUYEN DUY AN	22/05/2020	
Class diagram	PHAM TUAN ANH		
Class diagram	TRUONG MINH DUY		
Class diagram	VO DONG HO		
Class diagram	TRAN MINH HUNG		