Meeting minute

MEETING NAME:	**WEEK 5 – SOFTWARE ENGINEERING PROJECT MEETING**			
DATE OF MEETING	11/05/2020	TIME:	START	14h
			END	15h
MEETING PURPOSE	- Demo login/logout - Decide class structure for the application - Discuss database constraint for the application - Assign task for each member in the group - Discuss about the difficulties	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
With MVC achitechture chosen for the application, we now have to decide which class to use for our app. With the help of Android Studio and our previous package diagram, the class are easier to identify and draw connection.
We also choose **Volley** library to connect to our database server through PHP files. With Volley, we can post request through our app to the PHP file on server to get response according to PHP query.
Next, we discuss about our database design and also constraint. For the moment, we think that storing device in pair will be the optimal solution. However our group have decided let each member design their own database and constraints. Next week, we will also discuss and choose the most optimal design.
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: - Design classes and classes relation - Design database and database constraint - Learn PHP basic and suitable command for communicate with the application - Research Volley library - Research MQTT - (If possible) learn mySQL command for database manipulation

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:
- MQTT payload is not decided and some aspect are not understood by our group.
- Some members are not used to PHP commands that connect to the application.
- Experience in linking database and app in backend of our group is still lacking.

Now with the newly learn knowlegde, we encourge each member to explore the possibility of PHP and MQTT with our application. 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
Database design and constraint + classes design	NGO NGUYEN DUY AN	15/05/2020	All members must think about database design. Draw their idea and list their constraint. Next week, we will group and determine the most optimal database based on these.
Database design and constraint + classes design	PHAM TUAN ANH		
Database design and constraint + classes design	TRUONG MINH DUY		
Database design and constraint + classes design	VO DONG HO		
Database design and constraint + classes design	TRAN MINH HUNG		