September 20, 2018

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The 2nd Global PBL on IoT at HCMUT
Ho Chi Minh City, Vietnam

The 2nd Global PBL on IoT was held at HCMUT (Ho Chi Minh City University of Technology), Vietnam, from September 8 to September 19 in 2018, hosted by Faculty of Computer Science and Engineering. The purposes of this PBL were, (1) to understand what IoT is, (2) to find issues on IoT technologies, (3) to propose the solutions to the issues, (4) to build systems based on the proposals, (5) to evaluate the systems and finally (6) to make the presentations. The keys of IoT are microcomputers and sensors. Therefore, several microcomputer devices such as Arduino and Raspberry Pi, and sensor devices were taken to HCMUT from SIT. Additionally, some other devices were bought in the field.

19 students from SIT, 24 students from HCMUT, teaching assistants (TAs), faculty members, staff members and other support staff members from both universities participated in the PBL. Furthermore, the vice rector and external relations office members from HCMUT joined the opening ceremony. Besides SIT and HCMUT people, some people from companies attended the PBL as observers. In total, 72 people were involved in the PBL.

The participants were divided into 7 groups. Every group proposed a unique and intriguing idea, and developed the prototype system. In addition to the system development activity, a "Can Gio museum visit" was conducted as a cultural exchange.

As a whole, this Global PBL was successful and the participants achieved their goals as well as brushing up their English communication skills.

Schedule at a glance

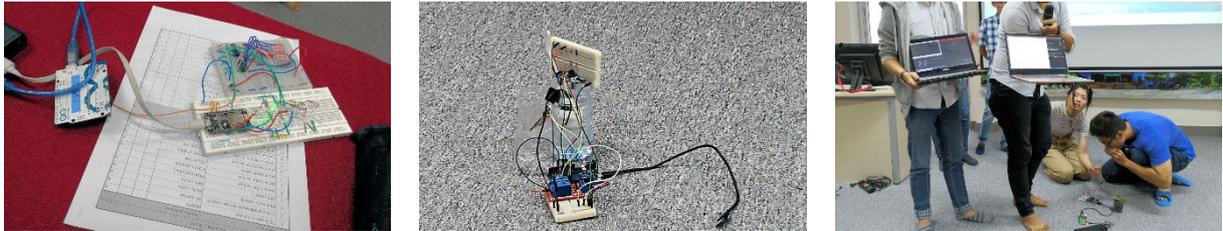| Date		Morning session (9:00 - 12:00 or 13:00)		Afternoon session (13:30-16:30)	
Sep. 8	Sat.			Depart from NRT, arrive at HCM and move to Hotel	
Sep. 9	Sun.	Day off			
Sep. 10	Mon.	Opening ceremony 2 hours	Ice breaking + Welcome party 1 hours	Guidance of PBL 1.5 hours	Campus tour 1.5 hours
Sep. 11	Tue.	PBL (discussion) 3 hours		PBL (discussion) 3 hours	
Sep.12	Wed.	PBL (discussion) 3 hours		PBL (discussion) 3 hours	
Sep. 13	Thu.	Cultural exchange (Can Gio museum; 40km from HCMC downtown) (9 hours: 7:30 - 16:30)			
Sep. 14	Fri.	PBL (discussion) 3 hours		PBL (discussion) 3 hours	
Sep. 15	Sat.	PBL (discussion) 4 hours		No activity	
Sep. 16	Sun.	Day off			
Sep. 17	Mon.	PBL (presentation) 3 hours		PBL (presentation), Farewell party at night 3 hours	
Sep. 18	Tue.	PBL (summary) 3 hours	Closing ceremony 1 hours	Leave from Hotel and depart from HCM	
Sep. 19	Wed.	Arrive at NRT			

Opening ceremony of gPBL at HCMUT

Ice-breaking after the opening ceremony

Brainstorming and discussion to set their goals of gPBL

Examples of system development

Can Gio museum as a cultural exchange

Final presentations

Farewell party at Nhà hàng Lambro Bistro

Group photo at closing ceremony

<p style="text-align:center">Summary of gPBL</p>

Name of PBL	Global PBL on IoT	
Date	From September 8 to September 19	
Venue	Faculty of Computer Science and Engineering, HCMUT	
Cultural exchange	Can Gio museum	
Participants from SIT	19 students (from B2 to B4) - Information and Communiations Engineering: 7 students - Information Science and Engineerig: 12 students	19
	4 TAs - Manami Kanamaru (D1) - Yuhi Kaihoko (M1) - Yoshihiro Nagano (M1) - Nagase Kazuya (B4)	8
	3 Faculty members - Prof. Eiji Kamioka - Assoc. Prof. Hiroaki Fukuda - Assoc. Prof. Hiroaki Morino Escoting staff member - Mr. Naoki Takeuchi	
Participants from HCMUT	24 students from CSE (B3)	24
	3 TAs - Mr. Pham Nguyen Hoang Nam (Researcher staff) - Mr. Nguyen Thanh Phuc (B4) - Mr. Tran Minh Chanh (Bachelor)	15
	Vice Rector - Assoc. Prof. Nguyen Danh Thao	
	5 CSE faculty members - Assoc. Prof. Dang Tran Khanh (Vice Dean) - Dr. Tran Minh Quang (Lecturer) - Dr. Le Hong Trang (Lecturer) - Dr. Phan Trong Nhan (Lecturer)	
	1 CSE staff member - Ms. La Hue Anh (Secretaly)	
	4 External Relations Office members - Dr. Vo Dai Nhat (Vice director) - Ms. Nguyen Tran Nguyet Thu	
	2 Support staff members - Mr. Nguyen Dinh Nhut - Mr. Bui Xuan Giang	
Observers from Industries	3 persons from Pascalia Asia	3
	2 persons from StarGlobal SJC	2
	1 Person from PAT software	1
	The total number of participants	72