

Faculty of Computing and Informatics
CPT6216 Industrial Training
Student's Weekly Logbook

Name of the Student	HEMARAJ A/L RAJAN
ID of the Student	243UC247BQ
Name of the Company	JJ SECURITY SDN BHD SUBANG JAYA
Period of Training	3 MONTHS
Name of the Company Supervisor	Tc Sivanesan Tamilselvam
Name of the Faculty Supervisor	Wong Keng Tuck
Week Number/Report Period	5
Brief Description of Tasks done during the Week	1. As for the first day in the week, I have scraped the idea of websocket, and instead decided to implement the polling method. The polling method works in such a way that it request updates for every 2 seconds constantly listening for the latest visitor entry events. As of now I am facing issues where the polling continuously happening and not allowing me to edit the host details from the admin point of view. 2. I have fixed the frequent polling updates at this moment but the the polling instead experiencing delays because it polls once. To fix this, I removed the every 2s function and instead implemented a traditional polling method by which it stops the polls when there is an existing visitor, and restarts the polls once the visitor's visit details have been checked into the system. 3. The polling system is overall fixed and working as expected, the polling here basically works in such a way that it serves as form of an auto-update. I have also implemented the supporting details and make it mandatory for the visitor check in via manual method.

	4. I have also added the cancel check in feature to cancel any visitors from further checkin process. I have also created the checkout UI and further waiting for approval from my supervisor.
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Reflections (Problems encountered if any, Reasons for non-completion of planned tasks if any, Lessons learned, Tasks planned for the next week etc.)	As of this week, I have completed the manual registration checkin workflow. I would also like to note that the admin checkin is also the foundation for hardware entry which will be implemented next week as they all are part of the polling system. The polling system is the most suitable choice at this moment as the websocket has many loopholes and polling can accurately listen to correct events.
Remarks from Company Supervisor (if any)	
Signature of Company Supervisor with company stamp	