



PROJECT SUMMARY

Ref No.: MRIC/PSTS-2202	Title: Development of a system to monitor medical equipment at the level of public health institution (under the aegis of the Ministry of Health and Wellness)
Local Company: Digital Twin Services Ltd	
Collaborating Institution: Ministry of Health and Wellness	
Project Leader	
Mr. Johan Venkatasawmy	Digital Twin Services Ltd
Research Collaborator	
Name	Organisation
Mr Rajkumar Nursing	Ministry of Health and Wellness
TECHNICAL ABSTRACT	
<p>The project consists in the development of a system to monitor medical equipment at the level of public health institutions, thanks to the use of Internet of Things (IoT) and innovative software development technologies. The expected deliverable is primarily an efficient computerized inventory/ database system to record all medical equipment assets in hospitals, with built-in tracking of usage thanks to sensors fixed to them and which are transmitting their locations at pre-defined intervals. The pilot site identified for this project at the Ministry of Health & Wellness is Jeetoo Hospital.</p>	
Key Words: IoT, software, asset, tracking, inventory, beacons, BLE, LoRAWAN	