Project Management: Baby Boy (Observe)

For the project we intend to do in TESA Topgun 2017 is the smart security alarm wristband for Khao Yai National Park tourists. The scope of the project is to build the wristband and embedded system by apply some sensors and LoRa which the tourists can ask for help when they need. To accomplish the project, we are going to study the function in each section (microcontroller unit, database, data analysis), apply knowledge, test, and debug the occurred problems.

Our work product is the simulation of the wristband with the embedded system that we are going to create. The results are

1. The wristband simulation is able to transmit the signal to receiver by apply the force (pressing or the force when accident condition is occurred) and send the two parameters – GPS coordinate and accident condition status.
2. The successful embedded system in passing and gathering the data which consists of microcontroller unit, database, and data analysis.

Each member has the following responsibilities

1. Phakhawat Chullamonthon – Hardware

2. Nontawit Markjan – Database + API System

3. Natthanan Chawphongphang – Data Analysis

4. Surak Saeung – Data Analysis

We set the deadline of the project as Friday 12th Januaury 2018