1. Overview

* What is the motivation for this project?

During this pandemic era, lots of health industry especially the hospital does not have an adequate information system that can support in tracking the patient. Furthermore, with the outdated system which the health industry currently using, we are unsure that the system can maintain the security and the transparency of the patient’s data. Therefore, we want to help the health ministry by providing an online information system to administer tests and keep track of the test result of COVID-19 patients easily and securely, and that is the main motivation for developing our HELP CTIS project.

* Who is the customer/user is/are?

There are four users for our HELP CTIS project:

1. Patient
2. Test Centre Officer
3. Test Centre Manager
4. Testers

* What the project will deliver. Is it a new product or an extension of an existing one?

The HELP CTIS project is a new information system that enable test centre to record test result and enable patient to view their testing history.

* What it will cost?

The cost of this project will cover:

1. Project manager labor cost.
2. Project team member labor cost.
3. Electricity.
4. Internet.
5. Tools.

* How long will it take?

The project will proximately take three months to complete. The start date of this project is at 21 February 2021 and the end date is 30 April 2021.

1. Project aims

To provides solutions for a new COVID-19 testing system used by the health ministry, health workers, and the public.

1. Project objectives

To implement a website information system which can administer COVID-19 test to the patient and record the result.

1. Project scope

In Scope:

* A website system to record test result and generate test report.
* Update test result in the website by the tester.
* Test kit stock management in the website by the test centre manager.
* Test centre registration in the website by the test centre manager.
* Patient book testing through website and view their own testing history.
* Website system can be accessed through browser in smartphones and PC device.

Out of Scope:

* Support a consultation system for the patient before taking the test.
* A test result viewing system by entering the ID of a patient.
* A map live view of the test centre.