

CHAPTER 5

CONCLUSIONS AND SUGGESTIONS

5.1. Conclusion

The conclusion of this research titled “Gerehu General Hospital pathology lab reporting system” is as follows;

1. The web-based application can manage the patient laboratory testing activities by registering the patient into the system, compiling laboratory test results, viewing reports and forwarding reports to their email accounts making laboratory reporting more efficient on site.
2. This web-based pathology lab reporting application can manage sending patients’ lab test report automatically to the patients account and email within the pathology lab system. From just easily accessing the pathology lab reporting system and entering the test details into the report form and saving or sending it.
3. This application is an automated system that keeps record of the patients’ pathology lab reports. The patient will be always be up to date by checking their lab test reports in this web-based application. Information of the patients’ lab test results will be uploaded/updated by the pathology operator and staff to keep the

patient updated and monitored. This will help manage the pathology lab reporting in an effective and efficient manner.

5.2. Suggestion

This Gerehu General Hospital Pathology Lab Reporting System will have more improvement into it. Thus, it is reviewable and open to further development by contributing innovations to increase its features and functions in the existing software program. These are some suggestions of the features and functions that can be added into this application.

Academic Uses

1. Institutions

This research paper is openly usable and referenced journal for the future students which will work on similar projects.

2. For Other Researchers

The determination of this research is mostly possible for the future researchers whom wish to further their knowledge in the study of information system or pathology reporting systems.

Practical Uses

This development of the automated pathology lab reporting system will be operated by Gerehu General Hospital to improve the pathology lab test reporting system in a more effective and efficient way to make it easier for the hospital to manage and satisfy their customers/patients and is a better pathology lab reporting system for the hospital management in decision making. To an extent, this automated pathology lab reporting system can also be proposed to the other healthcare institutions which have similar issues as Gerehu General Hospital. To join with other small clinics or community health centers to create a conducive environment for their pathology services.

Others

1. To develop the system into an online system so that patients who are already registered in the system can book their queue number a day prior to the day they wish to take or retake a lab test. Also, the operators can be able to compile reports outside work hours to cut down on their workload of creating or updating patient reports.
2. To have a mobile app for the patients to use from their smartphones and tablets. The mobile will be downloaded from the Google play store or Apple app store.