CHAPTER FIVE

SUMMARY AND CONCLUSION

5.1 Introduction

This chapter contains summary, conclusion and recommendation of this project.

5.2 Summary

The web-based student project management system was designed and implemented for FCSIT students and its administration to carry out the student UG project process in a more flexible and efficient manner. With this new system, project supervisors can supervise student project wherever they maybe, so also project supervisors can approve student project anywhere and anytime as long as there is an internet connection.

The analysis and design of the system was done using appropriate modelling tools and was implemented into a single system. An unregistered student can not access this portal. Students use the system to apply for student project, view their student project status (if any) and view student project repository (if any). project coordinator can use the system to do all a project supervisors can do, with an addition of student project validation of student under him.

Chapter one (introduction) focused on background of the study, statement of the problem, aim and objectives, scope and limitations, and significance of the study.

Chapter two (literature review) revolved around review of developmental tools used and review related works.

Chapter three (system analysis and design) explains the description of the current system and the proposed one with its justification, the system requirements (functional and nonfunctional), feasibility study and methodology used. Use case diagram was used in the analysis part, sequence and activity diagrams was used for the system design.

Chapter four covers implementation and testing of the system, which converts the design in chapter three to an executable system. Features of the system were shown in this chapter in form of screenshots. The system underwent unit testing, integration testing and system testing. The result of this tests were given in this chapter. Minimum hardware and software requirements were also stated in this chapter.

5.3 Conclusion

The development of the student project management system was found to be successful. The aim of the system is to automate the student project application process in order to enhance its flexibility and the project supervisors’ ability to make decisions. The web-based system is cost effective, efficient and flexible in carrying out what is expected from it.

5.4 Recommendation

For further enhancement of the student project management system, the following are some recommendations.

1. Integration of Grant Chart to enable students see his/her process in a graphical form
2. Student project account could be made to be restricted after complete approval of project and graduation.
3. Validation of number of days each type of student project process can take could be included.
4. With the advent of new technologies, the system could be updated, so as to make it more efficient and prevent it from becoming outdated.
5. Integration of a communication platform where students and project supervisors can dialogue.
6. Integration of in-built document editor for documentation preview and correction by the supervisor

# References