

Conclusion & Further Works

8.1 Introduction

Conclusion and further works give you; summary of the project, difficulty faced during the implementation and works that can be done using this project.

8.2 Conclusion

Chapter one and two of this thesis are allocated for introduction and problem domain of this software project. This system has been designed to handle the identified activities in product certification scheme. Managing of 'SLS' mark applicants, audit handling, 'SLS' mark holders' detail handling, auditors' details handling, project officers' details handling, report writing are the main activities introduced here. As results of finding solution to the problems in problem domain of the product certification activities of Sri Lanka Standards Institution, out put of this software project can be introduced. Main advantage of this project is summary reports generation. Director of product certification scheme can easily get printed copy to table on detail to the management meeting.

When applications are received, clerk of product certification scheme can enter detail to the data base. She can see previous file numbers and new file numbers can be given according to that. Then authority to enter, edit and delete the data of applicants has been given to the clerk. Director of product certification is the main actor in the case of governing all the work. She has privilege to enter to the every process including monitoring except data administration part. As explained earlier chapters, privileges to access each process are given and most of the activities in existing system have been simulated to computerised activities with so many improvements in current. As an example; project officer can be updated the financial details of his relevant project files using the system and director of the product certification can see those details at any time. Earlier system project file were updated for those details and if director wanted to check the details, director would call to the project officer to director's room with relevant file.

In this project thesis chapter-03 has been allocated for technology adapted. Software process model, system analysis and design methodology, unified modelling language and development environment have been discussed. Later part of this thesis has been allocated completely for development works such as my approach, analysis and design, implementation, evaluation & testing.

As a result of this software development, I was able to acquire knowledge and experiences in following aspects;

- *How to conduct a domain analysis.*
- Thoroughly knowledge about HTML, CSS, PHP, MYSQL, JavaScript in developing the proposed system,
- Applying software engineering theories effectively and efficiently.

Given the time constraints some aspects are still limited and there is an opportunity for improvements.

8.3 Limitations of the Solution & Future Work

Given the time constrain other useful aspects are pending for future enhancements that can be incorporated to the current system. These aspects are as follows:

- Managing of project file status.
- On line laboratory test report receiving.
- Communication through electronic media with clients.
- On line payment receiving.