

CHAPTER 1

PROBLEM DEFINITION DOCUMENT

1.1 INTRODUCTION:

Academic schedule management system is an integrated information system used by any dynamic organization like an educational organization, for the management of an educational organization. So, we are developing an app containing almost all academic information of Department of COMPUTER SCIENCE & ENGINEERING, University of Chittagong.

In this report, we have the following sections i.e. the second section is about the “Problem statement”, the third section is the “Project Objectives”, the fourth section is about giving “Preliminary solution”, the fifth section is the “Project Scope”, the sixth section is about Estimated cost and time for Feasibility Study and the seventh and last section is about the “Conclusion” of the document.

1.2 PROBLEM STATEMENT:

In present days, the students and the teachers aren't provided with any document that fullfilled with all required information. Sometimes, it becomes quite difficult to provide class schedule and syllabus in time for both teachers and students. If any notice is given not in class times, students get it at delay time which can cost many difficulties to them. Moreover, admission information and exam routine can be skipped due to this. In present system, students have to find the necessary information from different sources which can hamper their studies as many times are being wasted. Through this project, we can require students all academic information through one source. They can also get updates of all info at a time.

1.3 PROJECT OBJECTIVES:

The main objective of this project is to make the existing manual system an automated, digital one. The proposed system that will be developed will be more time efficient and cost-effective by reducing working power and physical labor, storing data in a database instead of soring in files or papers and thus providing more accuracy, security and safety of the system. Moreover, the proposed system will give the users (students and teachers) a more user-friendly environment and ease of access to view the academic schedule.

1.4 PRELIMINARY SOLUTION:

Through this system, every student and teacher will be provided with one app for different information like class schedule, exam schedule, admission date, syllabus, teachers' information etc. One possible solution would be the computerized digital, automated "Academic Schedule Management System" which is based on a Relational Data Base Management System (RDBMS) for the storage and retrieval of data. To develop this system, one server pc, one client pc and some software (like MySQL server) are required.

1.5 PROJECT SCOPES:

In project scope, we are going to discuss about the unique features of our system. Moreover, we have some marketing and funding strategies based on our project.

A.UNIQUE FEATURES:

Data storage in database: All data will be stored in the database.

Opportunity to meet the changes: The design will be prepared in such a way that it can be updated to meet the changing needs of the customer.

Security: It will be used only by the members of the department.

B.MARKETING STRATEGY: As this is an era of internet, we can easily deploy out software system through the advertisement in the social network media like Facebook, twitter etc. and in the popular websites which are visited frequently like extratorrent.cc etc.

C.FUNDING STRATEGY: The overall development cost will be approximately 6 lakhs primarily and we need 5months to complete the project.

1.6 ESTIMATED COST & TIME FOR FEASIBILITY STUDY:

One analyst will perform feasibility study to investigate possibilities for the project. The cost and duration of feasibility study are 20,000/= (twenty thousand taka only) and 2 (two) weeks.

1.7 CONCLUSION:

After studying the document, we can say that it is the best option to get all the information at one glance. In this system, the info will be sorted sequentially. As there will be a feature of instant update, it will be useful for getting new update of the system. Moreover, it is not damageable and is useful for educational institutions.

