CHAPTER 2: PLANNING

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CHAPTER 2: PLANNING

2.1 TITLE OF THE PROJECT

The title of the project is **"Student's Feedback Analysis System"**.

2.2 PROBLEM DEFINITION

The understanding of a problem is essential before it can solve. Like other product of technology, computer system is being developed in response to perceive the needs and problems of users, the first step is planning a software product or a system is prepared to the users requirements. Like defining, verifying and modifying it with respect to environment, developing skills of user, and changing technology to meet the user requirements. In fact, the success of the system depend largely how accurate a problem is defined and how properly carried out the choice of solutions. The basic objectives of problem definition are:

- Determine objectives of the current system.
- Study current system to see how it meets its objectives.
- Analyze user the organization requirements to develop new objectives.
- Identify users' responsibility of data inputs and outputs to other system.
- Examine interaction of proposed system with other system.
- Prepare detail of requirements, user data elements, volumes, and response time.
- Prepare design specifications.
- Prepare plan for design and implementation phases.
- Produce a report for the users and system management.

2.3 SCOPE OF THE SYSTEM

The scope of the new system has been briefly given below-
- The new system will be a time saving process.
- It will provide a quicker query to any information.

- All the records of the employee will be automatically updated.
- There will be much less chances of error.
- Reduced paper work.
- Unauthorized user access can be prevented upto some extent.
- Enhance data security.
- The new system will store more data with less space.
- Easier handling of the system.

2.4   OBJECTIVE OF THE SYSTEM

The main objective of the proposed system is to overcome the drawbacks of the existing system. The prime benefits are

- To create a comprehensive database that provides the information on the availability details and the issue details along with the transaction details related to item.
- To automate the entire range of activities or processes that need to be performed by the administrator before a request.
- To provide easy access for the administrator.
- To make the system more user friendly and easy to use.
- Utilize the IT to increase the efficiency/productivity.

2.5   PREVIEW OF EFFICIENCY

<u>Maximum allowable response time</u>:   Maximum response time should not be more than a few seconds in ideal situation with the existing hardware. To avoid such limitations, utmost care has been taken to design the database so that it works in considerably minimum search time.

<u>Performance</u>:   In spite of the heavy load on the existing hardware, the user always expects faster processing and minimum response time. The system must provide either a proper customised message or with the expected result of any request fired by the user to the system.

Interface: The end –users and the management people have been utilising the existing systems from last few years and thus it can be easily assumed that they are the semi expert users, and thus user–system interface should be designed accordingly. The modules and interface should be designed in a clear way using the modular top – down approach.

2.6   NEED FOR AUTOMATION

The Computer is one of the most versatile and well-developed technological innovations in the history of man are craving of better tools. One of the major applications of the computer technology is the information processing activity. Almost all the organizations need large volume of information processing.

Computers have become an essential part of the organizational information processing due to its power of technology and volume of data it can process. Use of computer makes the information processing faster by many folds.

One of the most important aspects of the information system in an organization is its requirement of student's information, as the students constitute the organization.

This project entitled ""**STUDENT'S FEEDBACK ANALYSIS SYSTEM**" has been developed for HANDIQUE GIRLS' COLLEGE, GUWAHATI. The project report is a detail analysis of the system developed, which includes structured analysis, design, etc.

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