



## **ABSTRACT**

### **Student attendance management**

system deals with the maintenance of the student's attendance details. It is generates the attendance of the student on basis of presence in class. It is maintained on the daily basis of their attendance. the staffs will be provided with the separate username & password to make the student's status.

The staffs handling the particular subjects responsible to make the attendance for all students. Only if the student present on that particular period, the attendance will be calculated. The students attendance reports based on weekly and consolidate will be generated

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## **CHAPTER 1**

### **INTRODUCTION**

#### **1.1 OBJECTIVE**

“Attendance Management System” is software developed for maintaining the attendance of the student on the daily basis in the collage. Here the staffs, who are handling the subjects, will be responsible to mark the attendance of the students. Each staff will be given with a separate username and password based on the subject they handle. An accurate report based on the student attendance is generated here. This system will also help in evaluating monthly basis is generated.

## **CHAPTER 2**

### **SYSTEM ANALYSIS**

#### **2.1 INTRODUCTION**

Analysis can be defined as breaking up of any whole so as to find out their nature , function etc. It defines design as to make preliminary sketches of; to sketch a pattern or outline for plan. To plan and carry out especially by artistic arrangement or in a skill ful wall. System analysis and design can be characterized as a set of techniques and processes, a community of interests, a culture and an intellectual orientation.

The various tasks in the system analysis include the following.

- Understanding application.
  
- Planning.
  
- Scheduling.
  
- Developing candidate solution.
  
- Performing trade studies.
  
- Performing cost benefit analysis.
  
- Recommending alternative solutions.
  
- Selling of the system.
  
- Supervising, installing and maintaining the system.

Supervising, installing and maintaining the system. The system manages to the analysis of the report creation and develops manual entry of the student attendance. First design the students entry form , staff allocation and time table allocation forms. This project will helps the attendance system for the department calculate percentage and reports for eligibility criteria of examination .The application attendance entry system will provide flexible report for all students.

#### **2.2 EXISTING SYSTEM**



The Existing system is a manual entry for the students. Here the attendance will be carried out in the hand written registers. It will be a tedious job to maintain the record for the user. The human effort is more here. The retrieval of the information is not as easy as the records are maintained in the hand written registers. This application requires correct feed on input into the respective field. Suppose the wrong inputs are entered, the application resist to work. so the user find it difficult to use.

## **2.3 PROPOSED SYSTEM:**

To overcome the drawbacks of the existing system, the proposed system has been evolved. This project aims to reduce the paper work and saving time to generate accurate results from the student's attendance. The system provides with the best user interface. The efficient reports can be generated by using this proposed system.

### **2.3.1 Advantages of Proposed System**

It is trouble-free to use.  
It is a relatively fast approach to enter attendance

Is highly reliable, approximate result from user

Best user Interface

Efficient reports

## **2. FEASIBILITY STUDY:**

Feasibility analysis begins once the goals are defined. It starts by generating broad possible solutions, which are possible to give an indication of what the new systems should look like. This is where creativity and imagination are used. Analysts must think up new ways of doing things- generate new ideas. There is no need to go into the detailed system operation yet. The solution should provide enough information to make reasonable estimates about project cost and give users an indication of how the new system will fit into the organization. It is important not to exert considerable effort at this stage only to find out that the project is not worthwhile or that there is a need significantly change the original goal.

Feasibility of a new system means ensuring that the new system, which we are going to implement, is efficient and affordable. There are various types of feasibility to be determined. They are,

### **3.1 Economically Feasibility:**

Development of this application is highly economically feasible. The only thing to be done is making an environment with an effective supervision. It is cost effective in the sense that has eliminated the paper work completely. The system is also time effective because the calculations are automated which are made at the end of the month or as per the user requirement.

### **3.2 Technical feasibility:**

The technical requirement for the system is economic and it does not use any other additional Hardware and software. Technical evaluation must also assess whether the existing systems can be upgraded to use the new technology and whether the organization has the expertise to use it. Install all upgrades framework into the .Net package supported windows based application. this application depends on Microsoft office and intranet service ,database. Enter their attendance and generate report to excel sheet.

### **3.3 Operational Feasibility:**

The system working is quite easy to use and learn due to its simple but attractive interface. User requires no special training for operating the system. Technical performance include issues such as determining whether the system can provide the right information for the Department personnel student details, and whether the system can be organized so that it always delivers this information at the right place and on time using intranet services. Acceptance revolves around the current system and its personnel.

# **CHAPTER 3**

## **SYSTEM SPECIFICATION**

### **3.1 HARDWARE REQUIREMENTS (Minimum Requirement)**

- **Minimum RAM:-1GB**
- **Hard Disk:-128 GB**
- **Processor:-Intel Pentium 4( 1.50 GHZ) or above**

### **3.2 SOFTWARE REQUIREMENTS (minimum Requirement)**

- **Operating system :Windows XP**
- **Front\_Design:VB.Net version 10.0 ,.NET framework 4.0**
- **Front-End Language :Visual basic**
- **Back-End : Oracle 10g**
- **Back-End Connectivity:ADO.ne**