**MANAGEMENT EDUCATION**

**AND**

**RESEARCH INSTITUTE**

****

**SYNOPSIS**

**ON**

**School Management System**

GUIDED BY: - SUBMITTED BY:-

NAVNEET KAUR POPLI V. SAMHITA REDDY (004)

VISHAL PRASHAD (018)

BHAWNASEHRAWAT (055)

**INTRODUCTION**

It gives us great pleasure to present the project on **“School Management Systems”**prepared sincerely, punctually and with utmost efforts.

The contents of this book are presented into many chapters, in order to ease reading. The project has been illustrated with precise data elucidated with neat Class diagram, Use case diagram, Entity-Relationship diagram and structure diagram that simplify in understanding the software. The project includes the software development tools like android, crystal reports to present the software very precisely.

Meticulous care has been taken to make this project perfect and useful in every respect.

**ABOUT EXISTING SYSTEM**

The present system is totally depending on manual data management for different activities such as maintaining details of absent teachers, time table etc.

They maintain Different registers for various activities such as storing and searching data which is tedious and time consuming task.

In present system all transactions are done manually with pen and paper so the frequent updating is not possible. Also generating reports, bills accurately is not possible with current system.

There are various other problems for instance, if teacher is on emergency leave and he’s not able to inform admin department then it will be difficult to substitute another teacher on time.

In short system is lacking facilities such as searching, deleting  and adding data efficiently and effectively.

**DRAWBACKS OF EXISTING SYSTEM**

1. It is manual and time consuming.
2. It utilizes a large amount of space for teachers, time table, and teacher substitution information in paper files**.**

3. A large amount of data cannot be viewed at a glance

4. It requires a lot of work.

5. Updations are not performed that efficiently and may lead complications.

6. No security as data can be misplaced or damaged.

7. Lastly, it was not offers a user friendly work environment

**NEED FOR NEW SYSTEM**

Working with current system is quite tedious, complicated and time consuming task. It may lead errors .certain operations such as surfing searching, adding, removing, entries cannot be done efficiently.

Maintaining different registers for various activities such as storing and searching data which is tedious and time consuming task.

Generating new time table is much tedious task with new system.

Hence, the organization needs new system with enhanced features. Features such as automatic time table generation, substitution of teacher, performing operations such as adding, deleting, updating and searching etc. System should be user friendly.

**PROPOSED SYSTEM**

We hereby are grateful to present our software project through this report. Our proposed system is compute based. Which provide various User interfaces (Forms) for various operations and hence interactive.

The system is able to generate time table, substitute classes to teacher automatically.

Operations such as adding, removing, searching teachers, subjects etc can be done efficiently and effectively by proposed system.

System can efficiently perform various functions such as creating new timetable, informing about emergency meetings and maintain data after substitution.

In short proposed system is user-friendly.

**FEATURES OF NEW SYSTEM**

* GUI : The proposed system provides better graphical user interface
* Search : Searching  details about absent teachers, present teachers, classes is comparatively easy
* Increase Work Speed : Due to automation of some part of system work speed would increase
* Less Paperwork : For the proposed system less paperwork is required
* Reduces Error : Due to computerization there are less possibilities of error
* Economical : Due to minimal errors and work delay proposed system can be economically beneficial to the company

**SOFTWARE AND HARDWARE USED**

**Hardware Used:**

* Processor : QUAD CORE
* Ram : 2GB
* Storage Capacity : 200GB

**Software Used:**

* Operating System : WINDOW 7, ULTIMATE
* Front End : ANDROID
* Back End : MICROSOFT SQL SERVER 2008

**FUTURE SCOPE**

This project is a step forward towards the remodeling of the traditional marketplace. However by the use of even better technology this project can be enhanced in the following ways in the coming years:

* **Enhancement:** The main objective of this project is to enhance and upgrade the existing system by increasing its efficiency and effectiveness.
* **Automation:** This project automates each and every activity of the manual system and increases its throughput. Thus the response time of the system is very less and it works very fast.
* **Time saving**
* **User-Friendly:** The software has a very user-friendly interface. Thus the users will feel very easy to work on it. The software provides accuracy along with a pleasant interface. Make the present manual system more interactive, speedy and user friendly.
* **Maintenance Cost:** Reduce the cost of maintenance.