SYSTEM STUDY

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It is separation of substance into parts of study and interpretation of detailed examination. System analysis is a detailed study of various operations performed by a system and their relationships within the system. During analysis, data are collected on the available files, decision point and transition handled by the present system.

For this the design has divided into various subsystems and they are studied closely. Problematical areas are identified closely and information is collected with enough details. Then the design of the system is stated. Since the system has targeted as a standard package, effort is taken to generalize the system to a maximum possible extend. For this purpose variables are identified, which would be initialized during the system installation process. One aspect of analysis is defined the boundaries of the system and determining whether or not system should consider other related systems.

**PROBLEM STUDY**

There is no user-friendly android application for teacher parent interaction. There is no android application for the creation and management of accurate, up-to-date information regarding students mark details. Parents come in parents meeting without knowing their childrens marks status.

**EXISTING SYSTEM**

SMS based student information system for schools and colleges provide timely and critical student information to the parent. This application allows the parents/caregivers to send an SMS to a predefined number from an already registered mobile number for the required information. Upon receiving the SMS request, the application automatically queries the database for the required student information based on the mobile from which the request has come from and sends back the reply SMS with the requested information..

**PROPOSED SYSTEM**

After computerization of present system maintenance of material details creation is easier. Manual searching system searching manually. Manual search is lower and increases the time required for the transaction. But in the proposed system searching is done by computer. Thus each operation requires less time. In a computer system very little time is required for managing complex data.To achieve success in education, good communication between parents and teachers must be ensured. Personally most schools use written form of communication. This method has lot of disadvantages such as the book or the paper may be lost or damaged and the response time of the communication may be very slow. For example, in written form of communication, the internal mark statement may be send to the parents by postel letters

Later, consolidating the status of communication and keeping the records of it takes considerable amount of time and manual processing.