GATE PASS MANAGEMENT SYSTEM FOR COLLEGE

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OBJECTIVES:
In this final year project work, we build an application program to reduce the manual work for managing student's and visitor's entry into the college. Now in many campus under King Khalid university using manual methods like entering the details in ledger, searching any details on demand is very tedious job. Once it is computerized it will be very easy to retrieve the data without any delay. It provides the searching facilities based on various factor such as time, date, department, student university number, visitors from outside on date wise. It generates report according to these factors. This computerized gate pass system gives security feature to the campus and useful for further reference once any issue arises. This project is totally built at administrative end and thus only the administrator is guaranteed the access.

METHODS:
A software entitled “Gate pass management system for college” is developed by using Microsoft Visual Studio 6.0. to resolve the security issues in college. This project contains 10 forms namely splash screen, Admin Login, Home page containing the buttons Student's Entry - Exit, Visitor's Entry – Exit, Search Student, Search Visitor, Log out and Quit. Corresponding to each button program is developed and all forms are connected with the main MDI form. All Students entry and exit time should be stored in database. For that purpose, Microsoft access is used as a backentool to create a database. All informations like name of the student, university number, date, entry time, department, exit time, visitor name, where they are from, purpose of visiting, data and entry time, exit time are store and retrieve from the form to database and database to form. If the management would like to verify the details about any student like whether she come to the college on particular date or not, number of visitors came on particular date likewise facility is included in our project. One of the sample screen is given below.

CONCLUSIONS:
In this project we are trying to solve security issues within the campus. Many campus using manual entry method only even some other campus using a entry system also. We try our best to develop this software to computerized this gate pass system. Complete database is maintained through this software. This software is functioning well after testing phase.