International School of informatics and Management

Subject: System Design Lab
Project Name: Student Admission System

Group Number: 5

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**Student Admission System**

**Problem Definition:**

Today all the work at the time of admission of the students is done manually by ink and paper, which is very slow and consuming much efforts and time.

It is required to Design of a Computerized Automated Student Admission System, to speed up and make it easy to use system.

**Purpose:**

1). Student Admission System Supports the student admission and registration process, the maintenance of student personal, academic and fee related data.

2). Database maintained by this system usually contains the student’s personal, academic and its fee related information. It focuses on storing and processing (insertion, updation) by using web pages

3). Generates student information in formatted html tables, generates the fees invoice.

4). Generate Student’s Academic Detail Report.

5). Generate Student’s Personal Detail Report.

6). Generate Student’s Fee Deposition Status Report.

7). Generate Student’s all student’s currently deposited their fees.

8). It Stores Merit list provided by University.

**Scope:**

An application Software it will work for an institute conducting a professional course like MCA/MBA under a governing university.

SAS Manages student (personal, academic, fees) Details.

Students are admitted according to the college allotted by university according to their merit in examination and their choice of college.
Activities like Updation, Creations done in the system by the System Operator will be maintained in the form of tables for auditing and maintaining the integrity of the system.

**Project Requirements:**

- Automate manual paper work done at the time of student’s admission (fees deposition) in the institute.
- Eliminate paper work.
- Efficiently manage the student (academic, personal, fee) details.

**Software Required:**

- Operating System: Microsoft Windows XP
- Front End tools: HTML, ASP.NET
- Back End tools: MS Access, SQL Server

**Hardware Required:**

- CPU: Pentium VI processor
- RAM: 512 MB
- HDD: 40 GB
- Keyboard, Monitor, Mouse, Printer
**Feasibility Study:**

It is to serve as a decision document. It has three questions to answer.

Since, the present system is manual all the work is done in papers and ink by hand so it is much costly and difficult to use and to operate and it is also time consuming.

So our automated computerized student admission system is much feasible, in cost, time, and efforts as compare to the previous manual system.

It is economically feasible, it will only require a single operator to operate the system, who is responsible for entering the data into the database via a user interface provided to him, who can also able to show all the data in html tabular form so to provide information regarding the students who are either taken admission or to take admission, since it requires only a single person to operate the whole system thus reduces the cost to operate the system.

It is technically feasible, since the whole system is designed into the latest technologies like ASP.NET and MS Access and SQL Server which are the most recent technologies to develop web based systems and design databases.

It uses the latest hardware technologies like P4 Systems so easy to operate.

It is Behavioral feasible, since the system is providing a attractive user interface to the operator/end user, so he feel very easy to work onto it. Response to operator/end user is very fast and very good.

Since, as we mentioned above that it requires much less amount of cost, it uses computer work so it is very fast to operate and it is very easy for user to work on it.

**Working of the Present System:**

In present, all work is done manually by hand in bulk of files which is hard to operate and hard to maintain the reports of the student presently, took admission in institute.

1. When the student comes in college.
2. First of all, he/she takes admission form from reception.
3. Fills it and submits it into office.
4. Filled form is first checked with documents like merit list and details came from university and verified by an official person, if there is any mistake then it is corrected.
5. At the time of submission of it the fees is deposited by the candidate.
6. At the time of submission of admission form enrollment no. is assigned to the candidate by the institute.

7. Candidate gets the receipt of fees deposition.

**Disadvantages of Present System:-**

1. Require much man power i.e. much efforts, much cost and hard to operate and maintain.

2. Since, all the work is done in papers so it is very hard to locate a particular student record when it is required.

**Proposed System:-**

1. It is automated computerized web based software system.

2. It uses latest technologies like ASP.NET and SQL Server.

3. It is easy to operate.

4. Attractive User Interface