**STUDENT ACADEMIC PROJECT**

**E-SYSTEM**

**INTRODUCTION**

Student Academic Project E-System is software which is helpful for students as well as the school authorities. In the current system all the activities are done manually. It is very time consuming and costly. Our Student Academic Project E-System deals with the various activities related to the students.

There are mainly 3 modules in this software

* Administrator Module
* Faculty Module
* Student Module.

In the Software we can register as a faculty as well as a student for every student the authentication code and the roll no is provided by the head of the department faculty and for the registration of a faculty the Registration ID and the authentication code is provided by the administrator the institute.

In this project an admin can manage the faculty and take decision about the students like deletion of any student admin is authorized to create the token for the registration of the faculty as same as a faculty is authorized for creating token for the registration of a student.

**EXISTING SYSTEM**

1. It is not completely an independent way of learning.
2. The students tend to be overly dependent on the teacher for every detail.
3. Travel expenses, accommodations etc must be taken care of, if the student hails from a place where there is no school or educational institution.
4. The learning is confined to fixed timings. It can only occur between the classroom's timings.
5. Chances of exploring more and finding things out for themselves from the students is limited.

**LIMITATIONS OF THE EXISTING SYSTEM**

1. Inconsistency Data collections.
2. Not Enough Time.
3. Not Enough Attendees.
4. Messy Registrations.

**PROPOSED SYSTEM**

The objective of Student Academic Project E-System is to allow the administrator of any organization to edit and find out the personal details of a student and allows the student to keep up to date his profile .It’ll also facilitate keeping all the records of students, such as their id, name, mailing address, phone number, DOB, Academic Project Updates, staff monitoring etc. So all the information about a student will be available in a few seconds.

Overall, it’ll make Student Academic Project E-System an easier job for the administrator and the student of any organization.

The main purpose of this Student Academic Project E-System document is to illustrate the requirements of the project Student Academic Project information System and is intended to help any organization to maintain and manage its student’s personal data.

**ADVANTAGES OF PROPOSED SYSTEM**

1. Affordable. The living expenses, the travel expenses, adjustments to new culture, moving away from home and family etc. can be avoided in the online class.
2. Convenient. The classes can be attended to at any place and any time as per the student's choice.
3. No distractions. There is no other student out there to disturb the class. Uninterrupted learning can be achieved. \* The materials can be stored and used for long time. Some especially, videos containing lectures come with the option of downloading and re-viewing. So, if there is a doubt, the same can be repeated several times without actually annoying any teacher

**PROBLEM STATEMENT**

  System Analysis is a detailed study of the various operations performed by a system and their relationships within and outside of the system. Here the key question is- what all problems exist in the present system? What must be done to solve the problem? Analysis begins when a user or manager begins a study of the program using existing system.

       During analysis, data collected on the various files, decision points and transactions handled by the present system. The commonly used tools in the system are Data Flow Diagram, interviews, etc. Training, experience and common sense are required for collection of relevant information needed to develop the system. The success of the system depends largely on how clearly the problem is defined, thoroughly investigated and properly carried out through the choice of solution. A good analysis model should provide not only the mechanisms of problem understanding but also the frame work of the solution. Thus it should be studied thoroughly by collecting data about the system. Then the proposed system should be analysed thoroughly in accordance with the needs.

**PROJECT ACTORS**

1. Admin
2. Student
3. Project Guide

**1. ADMIN MODULES**

1. Login
2. Manage student
3. Manage Project category
4. Manage Staff
5. Change Password

**2. PROJECT STUDENT MODULES**

1. Login
2. View Project Staff Details
3. Update Project Task
4. View Project Staff Task
5. Change Password

**3. PROJECT GUIDE MODULES**

1. View Student Details
2. Get Project Updating
3. Assign Project Task to Students
4. Change Password

**ADVANTAGES**

1. User friendly interface
2. Fast access to database
3. Less error
4. More Storage Capacity
5. Search facility
6. Look and Feel Environment
7. Quick transaction

**DISADVANTAGES**

1. One has to have an access to the Internet.
2. Backup for power supply is a must. Otherwise important updates can be missed out.
3. If there is an issue with the subject or anything else, immediate aid cannot be assured. As it is online, a query sent will be answered only if there is someone online on the other end. If not, the student has to wait until a response comes back.
4. There is no interaction with others. It is an isolated form of learning.
5. Many things can be learnt form a peer, but in this form, there is no option for the same in "real-time" (unless there is a web chat or a forum where the others attending the class can discuss the subject).

**SYSTEM REQUIREMENTS**

**HARDWARE REQUIREMENTS**

Processor : Pentium 4 +

RAM : 2GB

Hard Disk : Minimum of 80 GB.

Speed : 1.2 GHz

**SOFTWARE REQUIREMENTS**

Operating System : Windows XP or Higher

IDE : Visual Studio

Language : C#

Framework : ASP.NET

Back End : MS SQL Server