AISSCE PROJECT SYNOPSIS

Computer Science 083 (Term -2)

Kendriya Vidyalaya no. 2 Armapur Kanpur

Student management system

Name of candidates - Vandita Bharti

Name of teacher - Mr. Ashok Uttam

Class- XII -A

CERTIFICATE

Certified that Vandita Bharti, CBSE Roll No: 41 has successfully completed the Project Work entitled STUDENT MANAGEMENT SYSTEM in the subject Computer Science (083) for the purpose of Practical Examination in Class XII.

Mr. Ashok Uttam

PGT Comp Sc

Examiner:

Name: _____

Signature:

ACKNOWLEDGEMENT

The success of any project is all about team-work which involves participation, encouragement and guidelines of many others.

We take this opportunity to express our gratitude to our dynamic principal Mr M. M. Katiyar for his constant encouragement to work hard to successfully complete our projects and assignments.

My sincere thanks to our teacher Mr Ashok Uttam who guided us in solving problems encountered and critically reviewed our project to make it a success.

We are blessed to receive timely help from our classmates who contributed to this project vital for the success of the project.

We also wish to thank our school teachers, family and friends for their support while we were working on the project.

Signature of student

INTRODUCTION

The **"Student Management System"** has been developed to override the problems prevailing in the practicing manual system.

The objective of Student information Management 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 etc. So all the information about an student will be available in a few seconds. Overall, it'll make Student Information Management an easier job for the administrator and the student of any organization. The main purpose of this system is to illustrate the requirements of the project Student information System and is intended to help any organization to maintain and manage its student's personal data.

EXISTING SYSTEM

In the existing system the exams are done only manually have to computerize the exams using this application.

- Lack of security of data.
- More man power.
- Time consuming.

PROPOSED SYSTEM

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work.

- Security of data.
- Ensure data accuracy's.
- Proper control of the higher officials.
- Minimize manual data entry.
- Minimum time needed for the various processing.
- Greater efficiency.
- User friendliness and interactive.
- Minimum time required

Hardware / Software used-

Hardware

- Processor- Intel(R) Core(TM) i3-1005G1 CPU @ 1.20GHz 1.19 GHz

- RAM- 4.00 GB (3.77 GB usable)

Software

- Windows 11 or above Operating System
- Python 3.x
- Microsoft window or linux
- Opera Browser

Description of Input/ Output Requirements-

Table Structures for the student Management System briefly explain the type of data used for input/output in the proposed project

Field	Type
rollno	varchar(5)
name	varchar(40)
email	varchar(40)
gender	varchar(7)
contact	varchar(10)
dob	varchar(10)
address	varchar(100)

Outline of the Main Menu Output –

1. Administrator: Responsible for managing student records.

   - Login into the website

   - Update student details

   - Search student details

   - Display student details

   - Enable/Disable student

2.   Student: Has the access rights to view and edit their personal details.

- Login into the website

- Display student details

- Edit their details

- Upload their images

- Upload their resume

SYSTEM ANALYSIS

Modules of Student Management System:

Student Management Module: Used for managing the Student details. Courses Module: Used for managing the details of Courses

Exams Module: Used for managing the details of Exams Fees Management Module: Used for managing the information and details of the

Fees. Logins Module: Used for managing the Logins details

- Profiles Module: Used for managing the Profiles informations

- Login Module: Used for managing the login details

Users Module: Used for managing the users of the system

Future Scope of the Project:

In a nutshell, it can be summarized that the future scope of the project circles around maintaining information regarding:-

- We can add printer in future.
- We can give more advance software for Student Management System including more facilities.
- We will host the platform on online servers to make it accessible worldwide.
- Implement the backup mechanism for taking backup of codebase and database on regular basis on different servers.

The above mentioned points are the enhancements which can be done to increase the applicability and usage of this project. Here we can maintain the records of Student and Fees. Also, as it can be seen that now-a-days the players are versatile, i.e. so there is a scope for introducing a method to maintain the Student Management System. Enhancements can be done to maintain all the Student, Fees, Logins, Profiles, Courses.

CONCLUSION

Our project is only a humble venture to satisfy the needs to manage their project work. Several user friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

List of References-

➢ -NCERT Text Book of Computer Science , class XI

➢ NCERT Text Book of Computer Science , class XII

➢ Computer Science with Python, class XII by Preeti Arora, Sultan Chand and Sons(P) Ltd

➢ Computer Science with Python, class XII by Sumita Arora, Dhanpat Rai & Co.

➢ https://www.freeprojectz.com

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