PAAVAI ENGINEERING COLLEGE(AUTONOMOUS)
PACHAL, NAMAKKAL-637 018

STUDENT INFORMATION MANAGEMENT SYSTEM (SIMS) USING PHP

GUIDE NAME

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ABSTRACT

This project can be used by colleges to maintain the records of students easily for placement purpose. This project also contain faculty details, students details, various academic and placement notifications to the staff and students updated by the administration. This project mainly explains the various actions related to student details. This project shows some ease in adding, editing and deleting the student details and it consume less time. This system is focused on recording and updating the student details. It can also facilitate to explore the placement updates for the students with several core companies.

OBJECTIVES

The main objective of this project is to maintain the details of students and staffs. The purpose of Student Information Management System is to get an understanding of how the student's record is maintained. This Student Information Management System is based on identification some key qualities in the document and their relations. With the understanding of the structure and content of key quality documents, it will help to reduce the duplication and save more time.

The objectives are

- Giving online interface for students and faculty members.
- Expanding the effectiveness of college record administration.
- Abatement time needed to access and convey students' records.
- To make the framework more secure.

REQUIREMENTS

HARDWARE REQUIREMENTS

System	:	Intel, AMD Hardware
Hard Disk	:	250 GB.
Monitor	:	15 VGA Colour.
Mouse	:	Optical.
RAM	:	1 GB

SOFTWARE REQUIREMENTS

Operating system	:	Platform Independent
Coding Language	:	HTML, CSS, JS, PHP
Database	:	My-SQL
Server	:	Apache
IDE	:	Notepad++

EXISTING SYSTEM

- In the existing system the students will enter their data enter manually through registration.

- Internal assessments marks, attendance, exam timetable will be displayed to the students.

DISADVANTAGES OF EXISTING SYSTEM

- Through students registration incorrect details may appear. (Eg: 79.6% will round off the percentage as 80%)

- There is no efficient technique to safe guard the users of phishing websites.

LITERATURE SURVEY

TITLE&AUTHOR	ADVANTAGE	DISADVANATGE
Development of Student Information System N.M.Z.Hashim, S.N.K.S.Mohamed (2013)	Lot of man power and resource time is saved from an admin perspective.	Data can't be filtered as per the need.
Web Based Student Information Management System S.R.Bharamagoudar, Geeta R.B., S.G.Totad (2013)	Redundant human errors will be reduced.	Unauthorized person can easily register.
A Framework for Web Based Student Record Management System using PHP Saurabh Walia1, Satinderjit Kaur Gill(2014)	Closer interaction between student and staff.	Consist of single module UI

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LITERATURE SURVEY

TITLE&AUTHOR	ADVANTAGES	DISADVANTAGES
Student Information Management System Manisha K, Alekhya K, Manikanta T, Ramya B, Sai Kumar S.(2016)	Hassle free recruitment or management for placement companies	Lack of Student personal details.
Student Management System – A Survey Krithi P, Dr M Ramakrishna(2017)	Single source of information for students.	Filtering students according to the need of the recruiting companies is difficult.

PROPOSED SYSTEM

- In proposed system will have the provision for adding the details of the students by staff.

- It is easy to create, edit and modify the student details and delete a student when it found unnecessary.

- The marks of the student will be stored in the database and easy to retrieve.

- In this placement updates will be given and academic details can viewed for each semester.

ADVANTAGES OF THE PROPOSED SYSTEM

Our proposed system has several advantages

- User friendly interface
- Fast access to database
- More Storage Capacity(250GB)
- Search facility

MODULES

1. User Module

    Admin has the authority to add department and staff details and gives placement updates regularly.The students details can be viewed by admin.

2. Staff Module

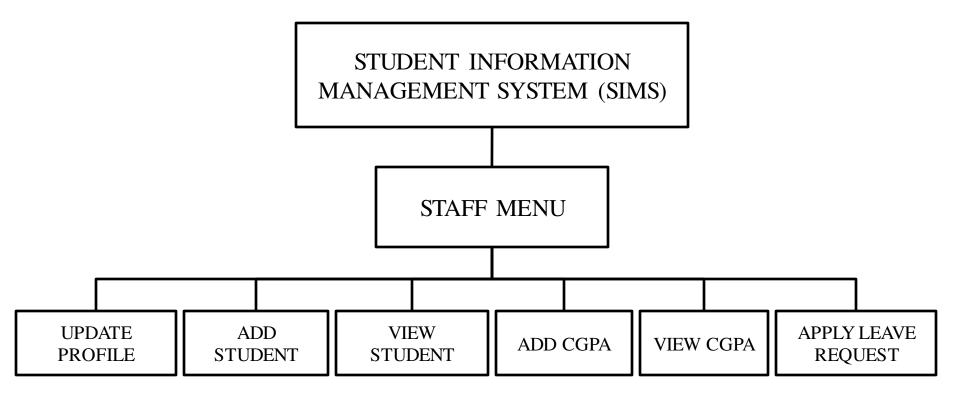   Staff menu has authority to add students and academic details after verifying with the students semester wise.
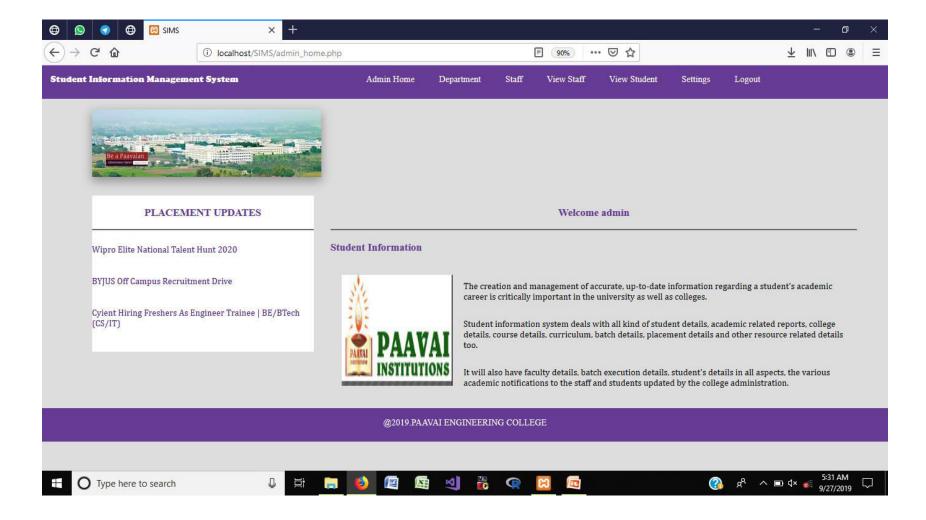
DATA FLOW DIAGRAM

ADMIN MENU

STUDENT INFORMATION MANAGEMENT SYSTEM (SIMS)

ADMIN MENU

| GIVES PLACEMENT UPADTE | ADD DEPARTMENT | ADD STAFF | VIEW STAFF | VIEW STUDENT |

STAFF MENU

STUDENT INFORMATION MANAGEMENT SYSTEM (SIMS)

STAFF MENU

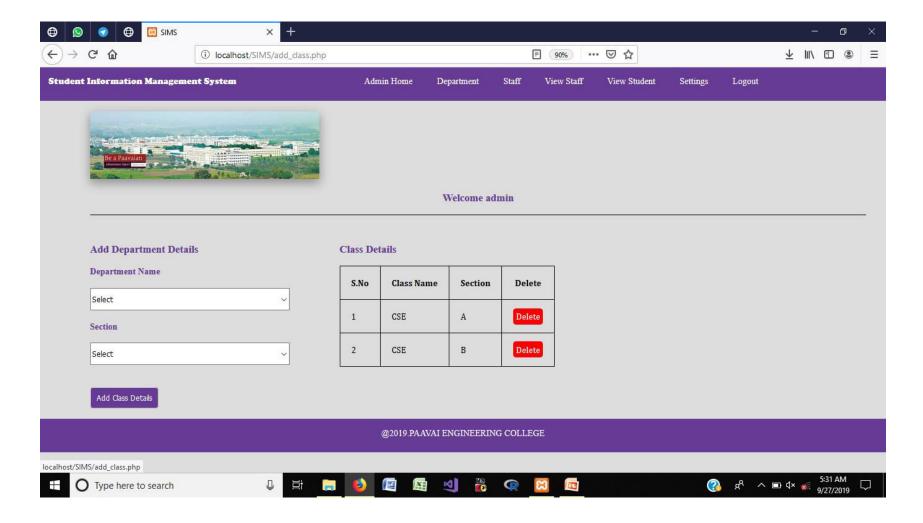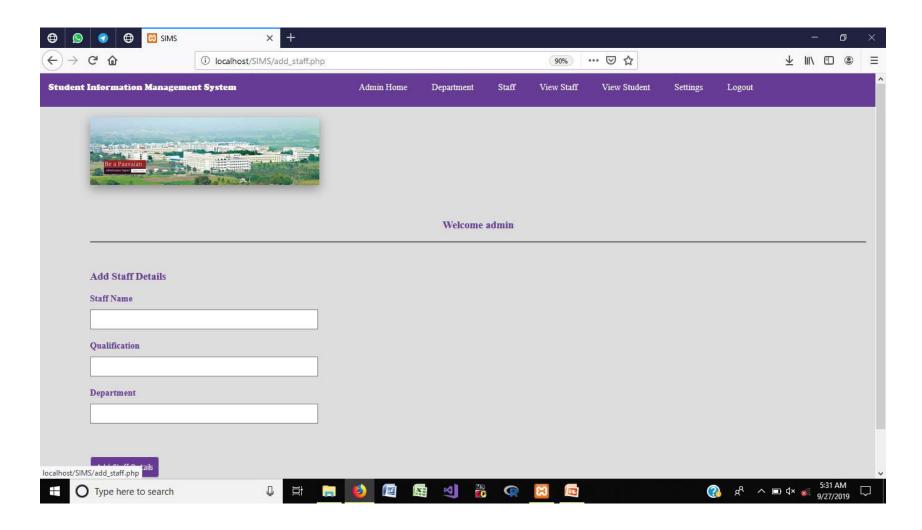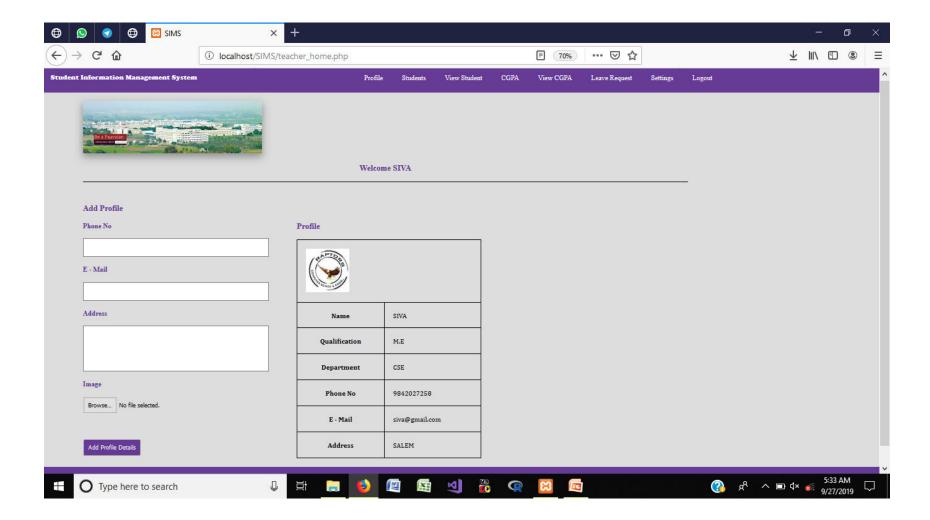| UPDATE PROFILE | ADD STUDENT | VIEW STUDENT | ADD CGPA | VIEW CGPA | APPLY LEAVE REQUEST |

ADMIN LOGIN

STAFF'S LOGIN

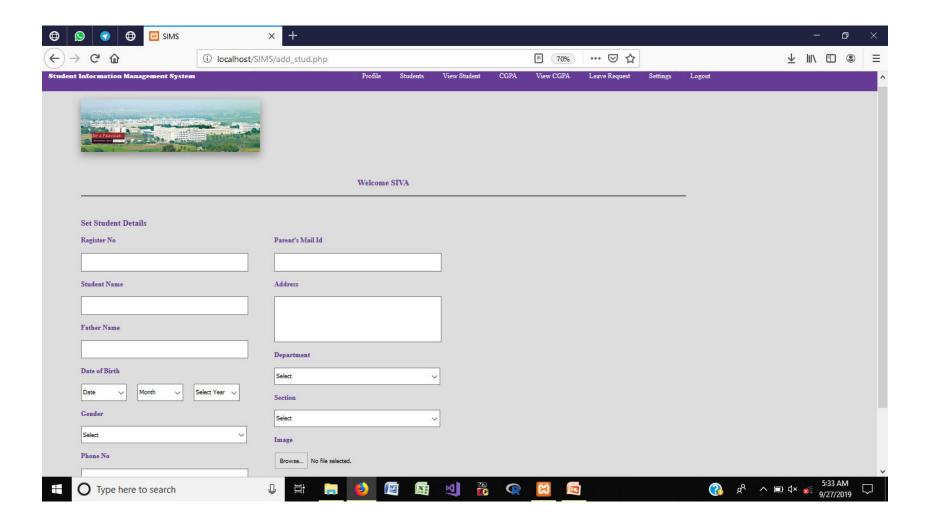# ADMIN HOME PAGE

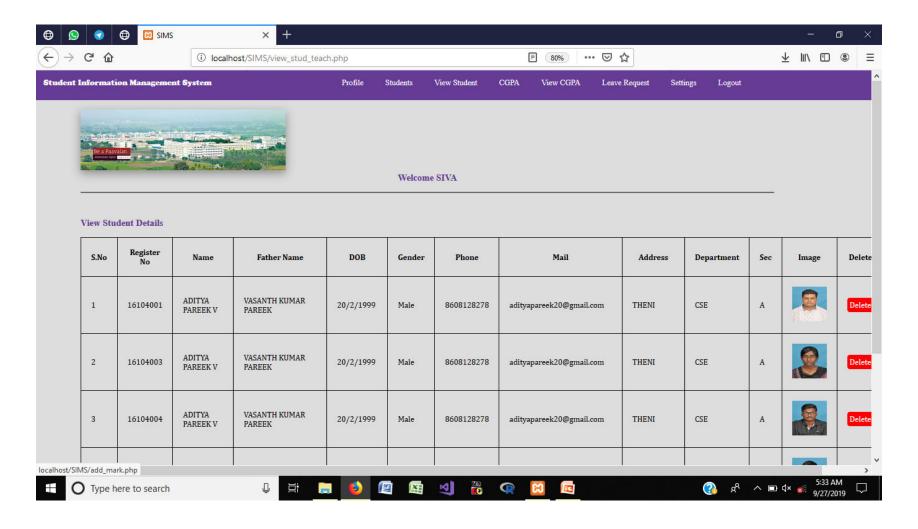# ADD DEPARTMENT
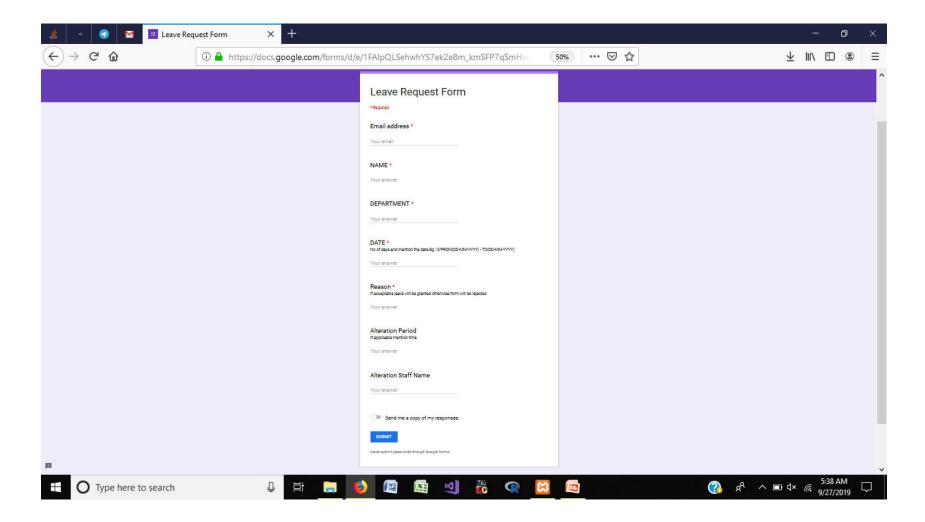
ADD STAFF DETAILS
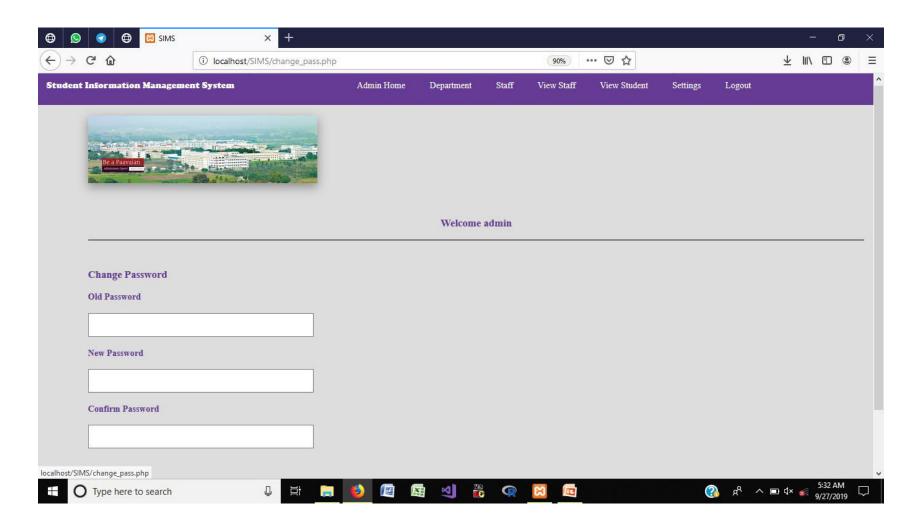
STAFF PROFILE

ADD STUDENTS DEATILS

VIEW STUDENTS

LEAVE REQUEST

CHANGE PASSWORD

CONCLUSION

- Data can be accessed any time.

- Monitored and controlled easily.

- Incorrect details of students can be avoided.

- It provides accurate information always.

FUTURE ENHANCEMENT

- It can be implemented with additional student data with the strength of whole institution.

- It is very easy to get the necessary information without time delay.

- It can be enhanced to get daily report on attendance, internal assessments, fees management to their parents.

- Information about student's academic performance can be send to their parents via SMS and mail.

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[2] S.R.Bharamagoudar, Geeta R.B., S.G.Totad "Web Based Student Information Management System" International Journal of Advanced Research in Computer and Communication Engineering Vol. 2, Issue 6, June 2013.

[3] Saurabh Walia1, Satinderjit Kaur Gill "A Framework for Web Based Student Record Management System using PHP" International Journal of Computer Science and Mobile Computing (IJCSMC), Vol. 3, Issue. 8, August 2014.

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[5]   Krithi P, Dr M Ramakrishna "Student Management System – A Survey" International Research Journal of Computer Science (IRJCS) Issue 05, Volume 4 (May 2017).