



**IJIRCCCE**

e-ISSN: 2320-9801 | p-ISSN: 2320-9798



# INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH

IN COMPUTER & COMMUNICATION ENGINEERING

**Volume 9, Issue 7, July 2021**

**ISSN** INTERNATIONAL  
STANDARD  
SERIAL  
NUMBER  
INDIA

**Impact Factor: 7.542**



9940 572 462



6381 907 438



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# Student Information Access System

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**ABSTRACT:** “STUDENT INFORMATION ACCESS SYSTEM” is an internet based Java application that automates the working of a college, school and coaching centre that manage and maintain records of the students. This application is created as a product and can be customized according to the specific needs of the client. The objective of “Student Information Access” is designing a scheduling system for an education center.

Scheduling is such a tool with which the process of intimating activities and notifications will be easy and even online in the organization where it is installed. But these tasks of scheduling the different activities if manually done whether they may be personal or official is time consuming and also may lead to confusion if not properly scheduled. The supervisor which holds the various activities like Managedatabase, mark attendance, and deleting the student and on the other hand student view their details, view schedule and view attendance and other details as well

**KEYWORDS:** Attendance, Student, Internet, Database

## I. INTRODUCTION

This project “STUDENT INFORMATION ACCESS” provides us a simple interface for maintenance of student information. It can be used by educational institutions or colleges to maintain the records of students easily. Achieving this objective is difficult using a manual system as the information is scattered, can be redundant and collecting relevant information may be very time consuming. All these problems are solved using this project

The main purpose of this SRS document 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.

“STUDENT INFORMATION ACCESS SYSTEM” software shall be designed and developed on Open Platform i.e., J2EE, MYSQL Server shall be used to maintain the database. To achieve a high degree of modularity, scalability and maintainability, it is recommended to adopt n-tier architecture while designing student management systems. Accordingly, it is proposed that the entire application development logic, the database logic and presentation logic shall be segregated. It is proposed that EMS software package shall be running on Apache Tomcat Web Server. The Web Server will be responsible for rendering the JSP pages and result is shown back to end-user.

## II. EXISTING SYSTEM

### STUDENT MANAGEMENT SYSTEM

STUDENT MANAGEMENT SYSTEM does not store total details of students it stores only specified details like registration of students and stores their course details only and security is less.

As for the existing system, they maintain their record manually which makes it vulnerable to security. If I file a query to search or update in a manual system, it will take a lot of time to process the query and make a report which is a tedious job.

As the system used in the institute is outdated as it requires paper, files, and binders, which will require the human workforce to maintain them. To get registered in the institute, a student in this system should come to the university. Get the forms from the counter while standing in the queue which consumes a lot of the student's time as well as of the management team.

As the number of students increases in the institute, manually managing the strength becomes a hectic job for the administrator. This computerized system stores all the data in the database which makes it easy to fetch and update whenever needed.

An organization that holds accountability, importance and maintenance of data accumulated as key to assemble information, often shows success. With more than a dozen Student Management Systems accessible in the market, from Google Classroom to EduSys, a preferable system is one which empowers administration to effectively hold data by opening the application to countless features and modules. Such software is usually designed for preschool/daycare, colleges, universities, schools, and independent teaching centres; to monitor students, staff and fundamental employees' activities.

The Student Management System software is a large application, which is also acknowledged by many names; Student Information System (SIS), Student Management System, and School Administration Software being a few alternatives titles. Majority of existing applications focus collectively for masses, avoiding custom development, but only a handful of programs are known to provide additional patronages according to administration's requirements. These Systems supply essential information about a candidate or a worker with precise accuracy withholding not even a trivial material.

### III. PROPOSED METHODOLOGY AND DISCUSSION

System Analysis is the first and foremost phase for the large scale development project, and for this to achieve we start the basic need of the system mentioned above. In This phase, we normally jotted down all the exact requirements of the system. This task may be performed by the customer, the developer, a marketing organization, or any combination of the three. System Analysis process generally involves these two phases: problem understanding or analysis and requirement specification. In system Analysis, the analyst has to understand the problem and its whole descriptions and definitions and on the other hand, In requirements analysis the analyst has to analyse the wholesome requirements of the system which is to be developed. Without a student management system, managing and maintaining the details of the student is a tedious job for any organization. Student Information Access will store all the details of the students including their background information, educational qualifications, personal details and all the information related to their resume.

To evaluate and to define the problem in hand quickly, the preliminary investigation is carried out, to see if it is worthy of the following study and also it suggests some courses of actions if possible.

Following steps are involved in the preliminary investigation:

- The Problem Understanding
- Determining the project boundaries and constraints
- Feasibility of Study
- Estimation of the time and cost
- Documentation of preliminary report



It is a process which includes the activities required for the successful completion of the project. Project planning generally prevents obstacles that arise in the project such as non-availability of the resources and it also determines project constraints. Planning is generally done by the project and senior management team. Senior management is responsible for employing team members whereas the project management is responsible for making decisions and planning. In this system also planning is executed for developing the whole project and meeting the requirements of the user.

This project basically includes three modules i.e., Admin, Faculty and Student.

The system will do the following:

1. Admin Module:

- Admin can add/edit/delete the faculty/student
- Admin can add/edit/delete mark the attendance of student
- Admin can add/edit/delete leaves and results of the student

2. Faculty Module:

- Faculty can update student's mark sheet
- Faculty can feature student fee details
- Faculty can see student profile

3. Student Module:

- Student can register in the application
- Student can view his/her work
- Student can check his/her attendance
- Student can update his/her details
- Student can reset-password

● Student can view their profile

● Student can view their cgpa and marks list  
Hardware And Software Requirements:

Hardware Requirements:

Processor : Pentium or above

RAM : 2 GB

Hard Disk : 40 GB

Software Requirements:

Operating System : Windows XP or above

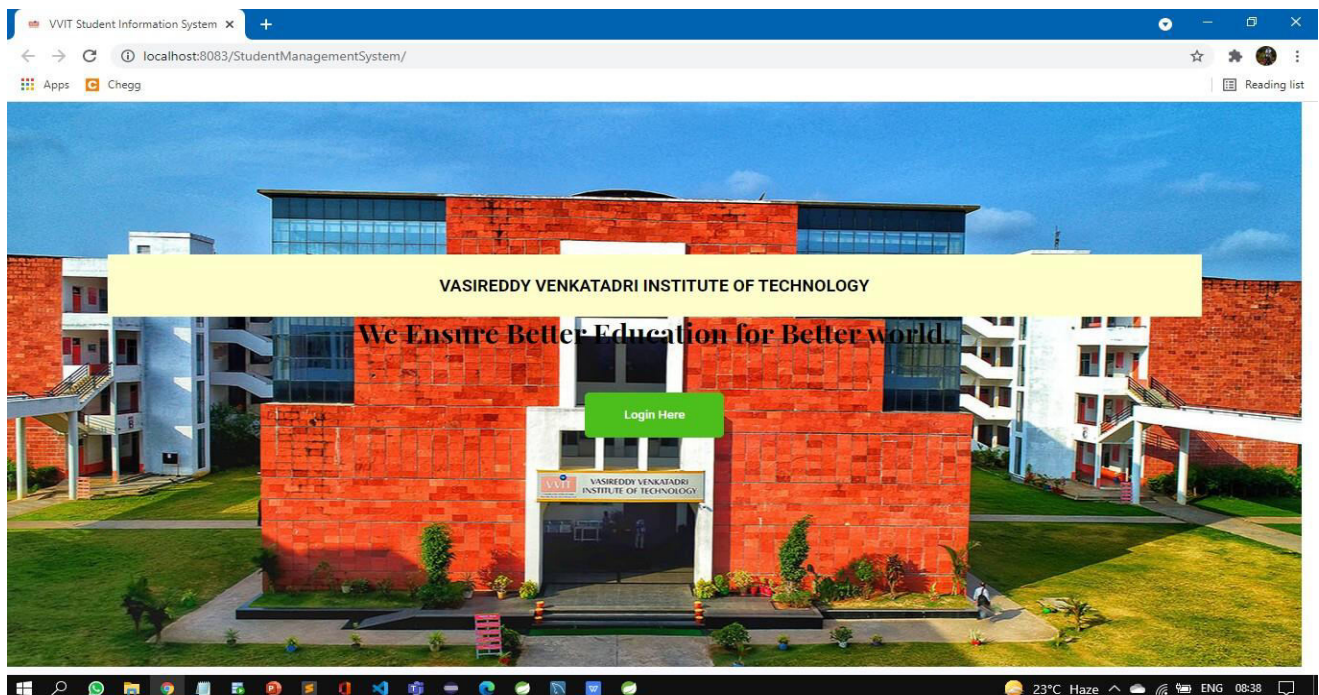
Java Runtime Environment : JDK/JRE 1.8 or above

Database Server : MYSQL

Web Server : Apache Tomcat

Browser : Java Script Bro

### III. RESULTS





Student information System HOME LOGIN ABOUTUS CONTACT

**USER LOGIN**

### Login

Login Id\* Password\*

Enter Login Id Here.. Enter Password Here..

**SignIn**

Student information System HOME ADMINISTRATION REPORT MY ACCOUNT ABOUTUS CONTACT LOGOUT

ADD ASSIGNMENT  
ADD SUBJECT  
ADD ATTENDANCE  
ADD USER  
ADD FEE

Welcome To Student Information System

Student information System HOME ADMINISTRATION REPORT MY ACCOUNT ABOUTUS CONTACT LOGOUT

MY PROFILE  
CHANGE PASSWORD

Welcome To Student Information System

Student information System HOME ADMINISTRATION REPORT MY ACCOUNT ABOUTUS CONTACT LOGOUT

ADMIN REPORT  
STUDENT REPORT  
TEACHER REPORT  
ASSIGNMENT REPORT  
ATTENDANCE REPORT  
SUBJECT REPORT  
MARKSHEET REPORT  
MARKSHEET MARIT LIST  
FEE REPORT

Welcome To Student Information System



Student information System

HOME ADMINISTRATION REPORT MY ACCOUNT ABOUTUS CONTACT LOGOUT

### Fee List

Enter Student Name Here.. Enter Month Name Here.. Search

Select All	S.No.	Student Name	Month	Amount	Date	Edit
<input type="checkbox"/>	1	Rohit Pawar	January	20000	10/02/2018	Edit
<input type="checkbox"/>	2	Rohit Pawar	October	10000	10/02/2018	Edit

Previous Delete Next

Student information System

HOME GET MARKSHEET ADMINISTRATION MY ACCOUNT ABOUTUS CONTACT LOGOUT

### Get Marksheet

Roll No.  
Enter Roll No Here..  
Go

- SUBJECT LIST
- MY ATTENDANCE
- ASSIGNMENT

Insert title here

localhost:8083/StudentManagementSystem/ct/GetMarksheetCtl

### Get Marksheet

Roll No.  
17BQ1A1239  
Go

Name:	GOPI GARIKAPATI	Roll No:	17BQ1A1239
Subject	Subject Code	Grade	
java	EVB 2213	A	
Python	EVB 2014	A	
AI	EVB 2312	A	
Result:	PASS	Division:	FIRST DIVISION
Total	221	CGPA:	7.366

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#### IV. CONCLUSIONS

Overall, the system is useful for all the users to maintain information at various levels. It connects supervisor and employee and thus is easy to maintain. Now the supervisor can easily set the schedule or any notifications to the respective employees without having a person to send to employees. It has been a great pleasure for me to work on this exciting and challenging project. This project proved good for us as it provided practical knowledge of not only programming in J2EE and Oracle Server Developer working on web based applications, but also about all handling procedures related to Advance and new technology. It also provides knowledge about the latest technology used in developing web enabled applications and client server technology that will be in great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

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**INNO**  **SPACE**  
SJIF Scientific Journal Impact Factor  
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