

# **MADHAVINSTITUTEOFTECHNOLOGY&SCIENCE, GWALIOR**

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)



**Project  
Report on  
Marksheet Management System**

**Submitted By:**

**Kusum Verma**

**0901CS191053**

**HIMANSHU SAGAR**

**0901CS191046**

**Faculty Mentor:**

**MR. Mir Shahnawaz Ahmad**

**Assistant Professor, Computer Science and Engineering**

## **DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**MADHAV INSTITUTE OF TECHNOLOGY &  
SCIENCE GWALIOR-474005(MP)est. 1957**

**MAYJUNE2022**

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**CERTIFICATE**

This is certified that **Kusum Verma (0901CS191053)** Has submitted the project report titled Material Management System under the mentorship of **MR. Mir Shahnawaz Ahmad**, in partial fulfillment of the requirement for the award of degree of Bachelor of Technology in Computer Science and Engineering from Madhav Institute of Technology and Science, Gwalior.



09/05/22

**Mr. Mir Shahnawaz Ahmad**

Faculty Mentor  
Assistant professor

Computer Science and Engineering



09/05/22

**Dr. Manish Dixit**

Professor and Head,  
Computer science & Engineering

**Dr. Manish Dixit**  
Professor & HOD  
Department of CSE  
M.I.T.S. Gwalior

## MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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### CERTIFICATE

This is certified that **Himanshu Sagar (0901CS191046)** Has submitted the project report titled Material Management System under the mentorship of **MR. Mir Shahnawaz Ahmad**, in partial fulfillment of the requirement for the award of degree of Bachelor of Technology in Computer Science and Engineering from Madhav Institute of Technology and Science, Gwalior.



Mr. Mir Shahnawaz Ahmad

Faculty Mentor

Assistant professor

Computer Science and Engineering



Dr. Manish Dixit

Professor and Head,  
Computer science & Engineering

Dr. Manish Dixit  
Professor & HOD  
Department of CSE  
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## **MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**

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### **DECLARATION**

I hereby declare that the work being presented in this project report, for the partial fulfilment of requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering at Madhav Institute of Technology & Science, Gwalior is an authenticated and original record of my work under the mentorship of **Mr. Mir Shahnawaz Ahmad, assistant professor, computer science & engineering**

We declare that I have not submitted the matter embodied in this report for the award of any degree or diploma anywhere else.

Kusum  
Kusum Verma

0901CS191053

CSE-3 Year,

Computer Science and

Engineering

Himanshu  
Himanshu Sagar

0901CS191046

CSE-3 Year,

Computer Science and

Engineering

## **MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**

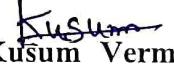
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### **ACKNOWLEDGEMENT**

The full semester project has proved to be pivotal to my career. I am thankful to my institute, **Madhav Institute of Technology and Science** to allow me to continue my disciplinary/inter disciplinary project as a curriculum requirement, under the provisions of the Flexible Curriculum Scheme(based on the AICTE Model Curriculum 2018), approved by the Academic Council of the institute. I extend my gratitude to the Director of the institute, **Dr. R.K. Pandit** and Dean Academics, **Dr. Manjaree Pandit** for this.

I would sincerely like to thank my department, **Department of Computer Science and Engineering**, for allowing me to explore this project. I humbly thank **Dr. Manish Dixit**, Professor and Head, Department of Computer Science and Engineering, for his continued support during the course of this engagement, which eased the process and formalities involved.

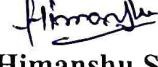
I am sincerely thankful to my faculty mentors. I am grateful to the guidance of **Mr. Mir Shahnawaz Ahmad**, Computer Science and Engineering, for his continued support and guidance throughout the project. I am also very thankful to the faculty and staff of the department.

  
**Kusum Verma**

**0901CS191053**

**CSE-3 Year,**

**Computer Science and  
Engineering**

  
**Himanshu Sagar**

**0901CS191046**

**CSE-3 Year,**

**Computer Science  
Engineering**

## ABSTRACT

Developed in bootstrap and Node.js, this Marksheets Management System is a software application that can automatically generate marks of the students in the form of grades. It is more like a "Student Grade Sheet Management System Project" where no manual calculations and operations are required. The project aims helping an educational institution by generating and handling grades of every student for each subject cum semester.

You can access the complete source code, database, forms and other necessary project files of Marksheets Management System from the download links in this post. Here, I've briefly introduced the project with its modules, features and the working mechanism of this system.

## सार

बूटस्ट्रैप और Node.js में विकसित, यह मार्कशीट मैनेजमेंट सिस्टम एक सॉफ्टवेयर एप्लीकेशन है जो स्वचालित रूप से ग्रेड के रूप में छात्रों के अंक उत्पन्न कर सकता है। यह "स्टूडेंट ग्रेड शीट मैनेजमेंट सिस्टम प्रोजेक्ट" की तरह है, जहां किसी मैनुअल गणना और संचालन की आवश्यकता नहीं होती है। इस परियोजना का उद्देश्य प्रत्येक विषय सह सेमेस्टर के लिए प्रत्येक छात्र के ग्रेड उत्पन्न और संभाल कर एक शैक्षणिक संस्थान की मदद करना है।

आप इस पोस्ट में डाउनलोड लिंक से मार्कशीट मैनेजमेंट सिस्टम के संपूर्ण सोर्स कोड, डेटाबेस, फॉर्म और अन्य आवश्यक प्रोजेक्ट फाइलों तक पहुंच सकते हैं। यहां, मैंने परियोजना को इसके मॉड्यूल, सुविधाओं और इस प्रणाली के कार्य तंत्र के साथ संक्षेप में पेश किया है।

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# CHAPTER 1: INTRODUCTION.

## 11.1 Introduction of the project:

Today, there are lots of College and School is present, and it is increasing each day. So, it is become difficult to check the exam copies of each student correctly within the prescribed time. To overcome this problem, we are going to build a Mark sheet generation system which will check the answer copies of the student and also generate the mark card of each student. By use of this system a University, Colleges, and School will get the benefit and can produce the result of students with minimal error and in minimum time.

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### Proposed system

Automation of mark sheet generation will reduce the time to create the marks card of the student. The University only needs to upload the exam copies to the system and then the system will complete rest of the work. This application can check all the papers and can produce the result. The computers are much faster than the human, and hence it will take less time to produce the result. The University management can also change the procedure to produce the result if they want. The automation of mark sheet generation system will not only reduce the time but it will also reduce the cost as the number of the person require is less

### Mark sheet generation Module

**Admin:** The University, college or school management who is responsible for generating the marks sheet will be the admin. They will observe the work process and can stop the system if there are any problem.

**Work process:** This will consist of upload and check procedure of answer papers. It needs some small group of people who will upload the answer sheets to the system. The admin will select these people.

## **11.2 OBJECTIVE**

The main objective of the Student Management System is **to manage the details of Profiles, Coerces, Logins, Exams, Fees**. It manages all the information about Profiles, Student, Fees, Profiles. The project is totally built at administrative end and thus only the administrator is guaranteed the access.

The project aims **helping an educational institution by generating and handling grades of every student for each subject cum semester**. You can access the complete source code, database, forms and other necessary project files of Marksheets Management System from the download links in this post.

**Result:** According to the details provided at the time of upload this system will generate the mark sheet of each student.

## **11.3 Scope of the Project**

The scope of this project is addressed to **solve the issues of long waiting and calculation of grades and percentages in different semesters**. Providing the results in institutional websites provide an easier access to the results to the student.

## **11.4 Project Features**

- Simplified panel for teachers for entry of marks.
- Automated Marksheets generator.
- Separate reports for different exams.
- Customized reports of Marksheets.
- Multiple views for the user ease.
- Easy to learn.
- Multiple user access available.

- Available as both online as well as offline.

## **CHAPTER 2: Hardware and Software.**

### **Hardware requirement**

- RAM: 1 GB or above.
- Hard disk: Minimum 20 GB free space.
- Processor: Pentium 4 (1.6 GHz) or higher.

### **Software requirement**

- Operating system: Windows XP/ 2000/ Vista/ 7/ 8/ 10.
- Front End: html, CSS, Bootstrap.
- Back End: Node.js.
- Database: MySQL Workbench.

## Chapter 3: Working & Design.

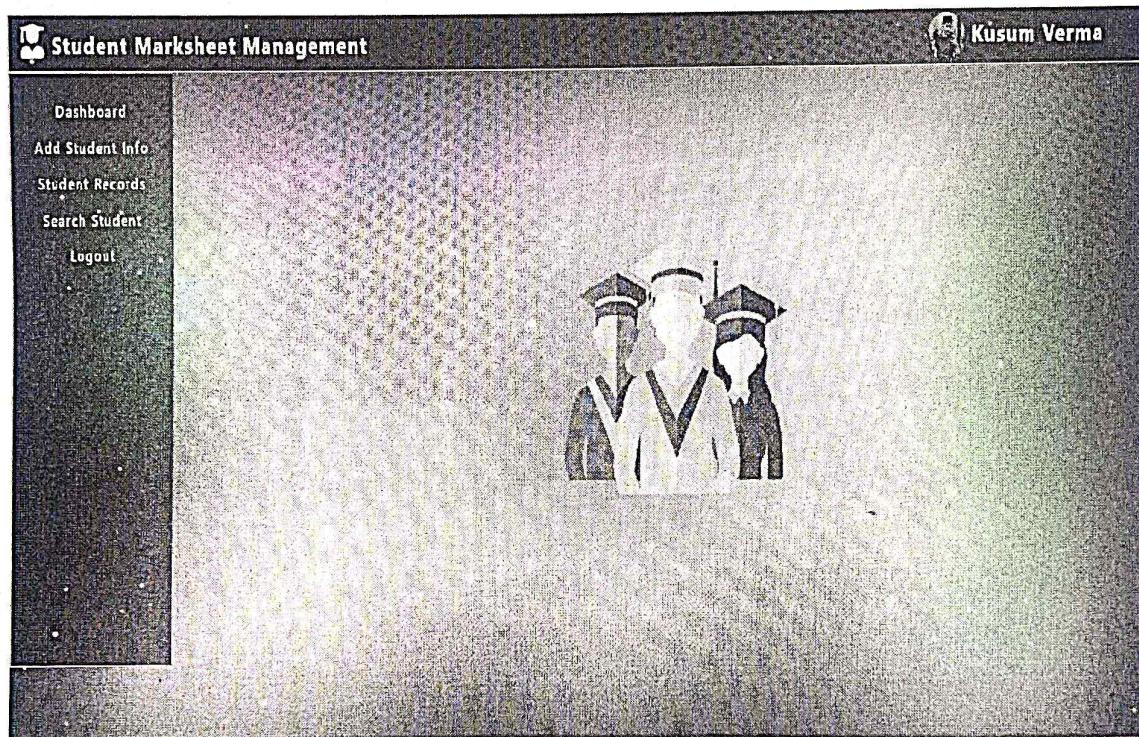
Marksheet Management System is a technological opportunity for the school, college, university and coaching centre institutions searching for a secure, simple and alternative solution to the conventional paper-based exam results evaluation, reporting and distribution. Like any other software, the system comes with certain advantage and disadvantage.

The software application unbelievably unravels and quickens the result management system with unique templates by providing the administration a secure database system for storing, evaluating and publishing the test scores and grades of candidates online. The database likewise allows the students to observe and gander at the exam results on the web at whatever point necessary.

## Chapter 4: sample screenshots.

### Progress of the project:

#### Dashboard:



## Add Student Info:

The screenshot shows a web application for 'Student Marksheet Management' on a Windows desktop. The URL is `localhost:5000/marksheet/studentinfo`. The page has a sidebar with links: Dashboard, Add Student Info, Student Records, Search Student, and Logout. The main content area is divided into two forms.

**Enter Student's Info:**

Enter Student's Name <input type="text"/>	Enter Father's Name <input type="text"/>	
Enter Roll Number <input type="text"/>	Enter Gender <input type="text"/>	Enter D.O.B <input type="text"/>
Enter School's Name <input type="text"/>	Enter State <input type="text"/>	Enter City <input type="text"/>
Enter Address <input type="text"/>	Upload Photo <input type="file"/>	
Choose File: Add photo.jpg		

**Enter Student's Marks:**

Physics <input type="text"/> Enter Physics Marks <input type="text"/> Physics Marks: 60/100	Chemistry <input type="text"/> Enter Chemistry Marks <input type="text"/> Chemistry Marks: 60/100
Maths <input type="text"/> Enter Maths Marks <input type="text"/> Maths Marks: 60/100	English <input type="text"/> Enter English Marks <input type="text"/> English Marks: 60/100
Science <input type="text"/> Enter Science Marks <input type="text"/> Science Marks: 60/100	

At the bottom are 'Save' and 'Cancel' buttons.

## Show student information:

Student Marksheets Management

Kusum Verma

Dashboard Add Student Info Student Records Search Student Logout

### Student's Records

Enter New Student Info

#	Student's Name	Father's Name	Roll No.	Gender	D.O.B	School's Name	Address	State	City	Photo ID	Expand Record
2	Tony Stark	Howard Stark	601	Male	2000-02-02	MIT	New York	Madhya Pradesh	Gwalior		<a href="#">Expand</a>
3	Naruto Uzumaki	Minato Namikaze	603	Male	2000-03-01	Ninja Academy	Hidden Leaf Village	Madhya Pradesh	Morcha		<a href="#">Expand</a>
4	Lucifer Morningstar	God	656	Male	2000-04-07	SCIT	Silver City	Rajasthan	Jaipur		<a href="#">Expand</a>
5	Harry Potter	James Potter	601	Male	2000-01-01	Hogwarts Wizardry	Gryffindor Ko Aage	Uttar Pradesh	Agra		<a href="#">Expand</a>

## Marksheet:

Student Marksheets Management

Kusum Verma

Dashboard Add Student Info Student Records Search Student Logout

### Marksheet

Student's Roll Number : 601

Student's Name : Tony Stark

Father's Name : Howard Stark

Gender : Male

Date Of Birth : 2000-02-02

School's Name : MIT

Address : New York, USA

City : Gwalior



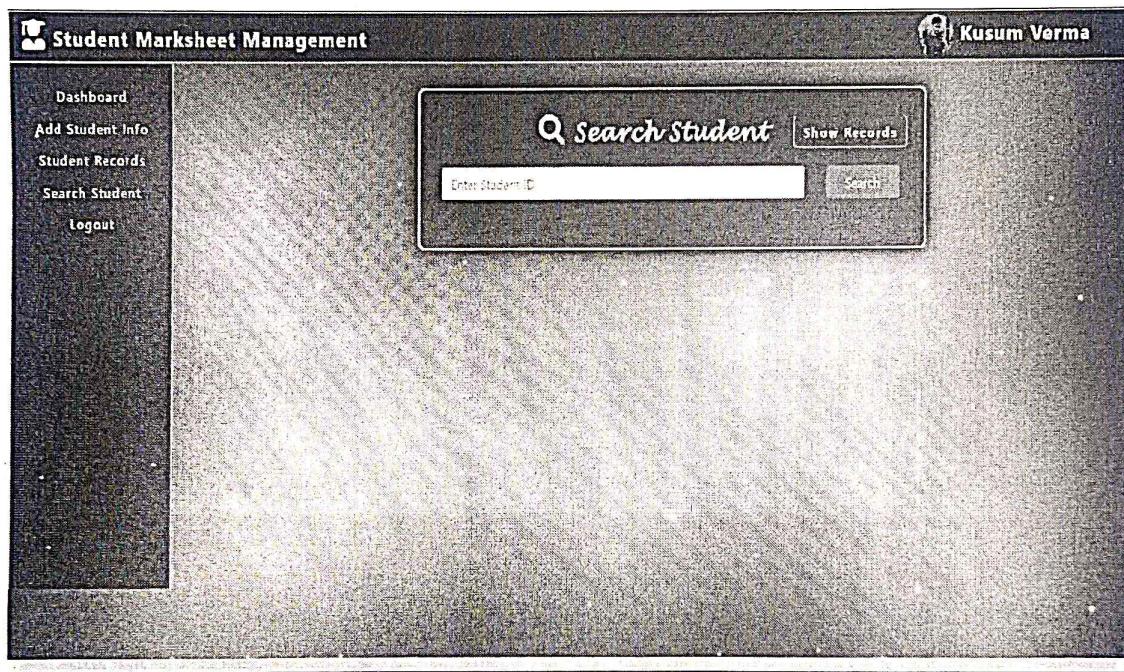
Subject Code	Subject Name	Maximum Marks	Mark Obtained
101	Physics	100	90
102	Chemistry	100	95
103	Maths	100	92
104	English	100	100
105	Weld	100	98

Percentage : 94.8

Result : PASS

[Print This Page](#) [Delete This Record](#)

## Search by student:



The screenshot shows a web-based application for managing student marksheets. The header includes a logo, the title 'Student Marksheets Management', and a user profile for 'Kusum Verma'. The left sidebar contains navigation links: 'Dashboard', 'Add Student Info', 'Student Records', 'Search Student', and 'Logout'. The main content area features a search form titled 'Search Student' with a magnifying glass icon. It includes a text input field for 'Enter Student ID', a 'Search' button, and a 'Show Records' button.

## Chapter 5: conclusion.

Currently our system can add and remove students' details. Admin can edit, delete & update data. In future we wish to add E-mail feature, so that the students can get their marksheets details via a mail.

- Future work to be done:

Currently our system can add remove student's user details. Admin can send marksheets to students' respective emails.

## Chapter 6: References.

1. **Bootstrap** is the most popular **CSS Framework** for developing responsive and mobile-first websites.

<https://getbootstrap.com/>

2. **Font Awesome** is the Internet's icon library and toolkit, used by millions of designers, developers, and content creators

<https://fontawesome.com/>

3. **jQuery** is a **lightweight, "write less, do more", JavaScript library**. The purpose of jQuery is to make it much easier to use JavaScript on your website

<https://code.jquery.com/>