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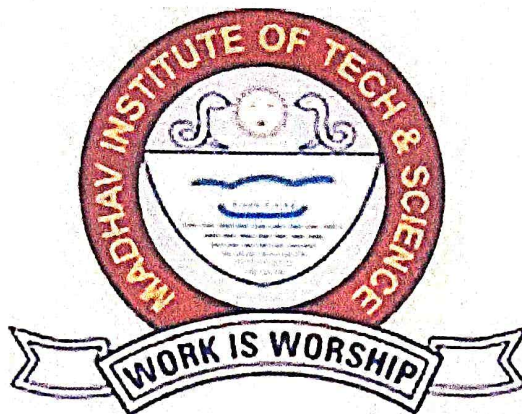
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Project

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
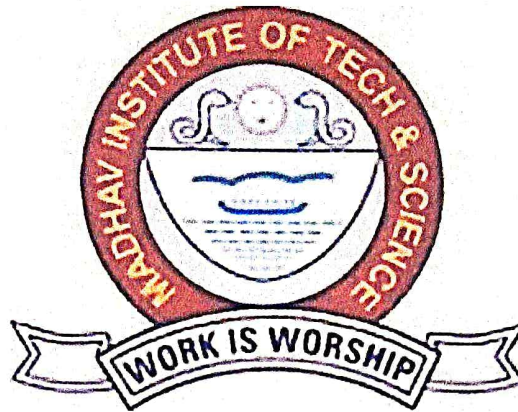
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

MADHAV INSTITUTE OF TECHNOLOGY &

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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.

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
M.I.T.S. Gwalior

III

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.
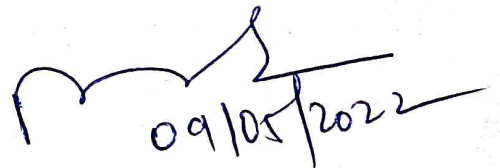
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MADHAV INSTITUTE OF TECHNOLOGY& SCIENCE, GWALIOR

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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 Verma

0901CS191053

CSE-3 Year,

Computer Science and

Engineering

Himanshu Sagar

0901CS191046

CSE-3 Year,

Computer Science and

Engineering

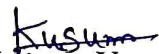**MADHAV INSTITUTE OF TECHNOLOGY& SCIENCE, GWALIOR**

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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

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CSE-3 Year,

Computer Science

Engineering

ABSTRACT

Developed in bootstrap and Node.js, this Marksheet Management System is a software application that can automatically generate marks of the students in the form of <u>grades</u>. 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 Marksheet 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।

TABLE OF CONTENTS TITLE:

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 andcan 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 Marksheet 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 Marksheet generator.
- Separate reports for different exams.
- Customized reports of Marksheet.
- 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.
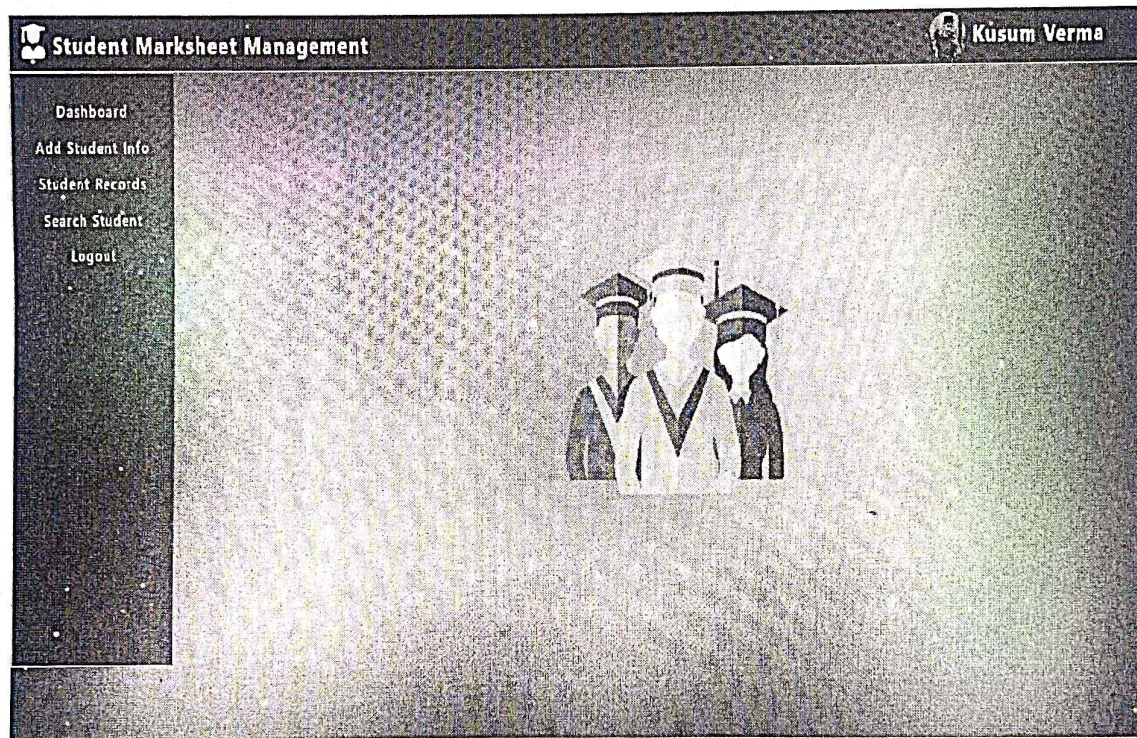
Chapter 3: Working & Design.

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:

Show student information:

Marksheet:

Search by student:

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 marksheet details via a mail.

- ## Future work to be done:

Currently our system can add remove student's user details. Admin can send marksheet 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/