

# Students Mandatory Credit Score Management System (One Stop Portal)

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**Abstract** — In modern educational systems, managing the mandatory credits score of students are essential for ensuring timely progression. This abstract introduces a comprehensive web portal designed for faculties to enter the marks of the students according to their performances in clubs or club activities. The portal serves as a centralized platform where faculty and administrators can collaboratively track, update, and manage credit requirements. Faculty members, the portal provides tools to input course details, score allocation and grading criteria, ensuring accurate credit tracking. Administrators benefit from comprehensive oversight through administrative dashboards, facilitating monitoring of credit compliance across departments and programs. Customizable reporting features offer insights into student progress.

**Keywords** -- Mark Management, Score calculator, Highest marks validation.

## INTRODUCTION

The "One Stop Portal" project is envisioned as a comprehensive web-based application designed to streamline administrative tasks and enhance communication within educational institutions. At its core, the portal offers an integrated platform where staff and administrators can access relevant information and perform essential tasks efficiently. Mainly it reduces the paper works done by each club and each department for consolidating the student marks obtained by involving themselves in the mandatory courses. Portal serves the faculties to submit the scores of students according to their performance and final score determines whether to

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pass the credit or not. It was designed in a way that each course staff has their individual own login Id and password. Admin can view the overall marks and pass percent of the students in department and batch wise.

Our proposed system introduces comprehensive reporting capabilities to provide stakeholders with

valuable insights and analytics. By generating descriptive reports on bidding activities, product trends, and user behaviour, management can make informed decisions and strategize efficiently. The data-driven approach not only enhances decision-making but also contributes to overall transparency and accountability of the auction process.

This portal is used for entering marks and monitoring the students as well. When the student involves in a club activity we can allocate the mark by their performance. The "One Stop Portal" is useful and efficient. It's designed for entering marks easier for faculties and administrator by putting all the club in one place. Instead of dealing with more number of paperwork, the portal is used to manage student marks for mandatory courses. Faculties can enter marks based on by students performance, and those marks decide if students pass the course or not. Each faculty has their own login to access the portal, while administrator can see all the marks and pass rates for different departments by batch wise.

For entering the students total mark we where split it into five parts they are:-

1.Promptness – 20 Marks

2.Activeness – 25 Marks

3.Competence – 25 Marks

4.Achivements – 25

Marks 5.LeadershipSkills

– 5 Marks

#### **LITERATURE SURVEY:**

- [1] Thomas, J., & Edelman, J. (2019). "Credit Scoring Models: A Critical Review from the Perspective of Fairness". This paper critically examines various credit scoring models, highlighting their strengths, weaknesses, and implications for fairness.

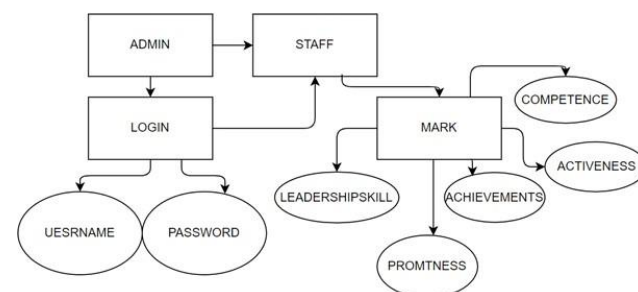
- [2] Smith, K., & Johnson, L. (2020). "A Comprehensive Review of Credit Management Systems: Challenges and Opportunities." This paper provides a thorough examination of different credit management systems, discussing their features, limitations, and potential impact on financial institutions and consumers.
- [3] Garcia, M., & Rodriguez, A. (2018). "Advancements in Credit Management Systems: A Review of Recent Developments." This review paper explores the latest advancements in credit management systems, including technological innovations, regulatory changes, and best practices in risk assessment and mitigation.
- [4] Patel, R., & Sharma, S. (2017). "Credit Management Systems: A Comparative Analysis of Industry Practices." This study compares various credit management systems adopted across different industries, highlighting differences in approaches, effectiveness, and challenges faced by organizations.
- [5] Wang, H., & Li, Y. (2019). "Integration of Credit Scoring Models into Credit Management Systems: A Systematic Review." This systematic review examines the integration of credit scoring models into credit management systems, discussing methodologies, implementation strategies, and outcomes.
- [6] Brown, T., & Jones, R. (2016). "Emerging Trends in Credit Management Systems: Implications for Financial Institutions." This paper discusses emerging trends in credit management systems, such as the use of artificial intelligence, machine learning, and blockchain technology, and their potential implications for financial institutions and credit markets.
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- [9] Li, S., & Wu, S. (2019). "A Critical Review of Credit Scoring Models in P2P Lending Platforms". Focusing on peer-to-peer lending platforms, this paper critically evaluates credit scoring models used in such systems, discussing their effectiveness and fairness.
- [10] 5. Zhang, Y., & Zhang, X. (2016). "A Survey of Credit Scoring Models and Their Applications in Online Lending Platforms". This survey paper examines credit scoring models applied in online lending platforms, discussing their implications for credit risk management and borrower evaluation.
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providing insights into their implications for credit management systems.

- [12] 12. Liang, X., & Li, J. (2016). "A Survey of Credit Scoring Models in Online Peer-to-Peer Lending Platforms". Focusing on online peer-to-peer lending platforms, this survey paper evaluates credit scoring models used in such systems, discussing their effectiveness and fairness in credit management.
- [13] 13. Park, H., & Lee, S. (2019). "A Review of Credit Scoring Models: From Traditional Methods to Emerging Techniques". This review paper discusses the evolution of credit scoring models, from traditional methods to emerging techniques such as machine learning, and their implications for credit management systems.
- [14] 14. Zhou, Y., & Xu, J. (2018). "Credit Scoring Models in the Era of Big Data: A Comprehensive Review". This paper provides a comprehensive review of credit scoring models in the era of big data, discussing the challenges and opportunities they present for credit management systems.
- [15] 15. Shen, Y., & Liu, Z. (2017). "Credit Scoring Models: A Survey of Applications and Challenges in Microfinance Institutions". Focusing on microfinance institutions, this survey paper examines the application of credit scoring models in such contexts, addressing the challenges and opportunities they pose for credit management systems.

### DATABASE DESIGN

- A well database is essential for the good performance of the system. Several tables are referenced or manipulated at various instance. The table is also know as relation; provide information pertaining to a specified entity. Normalization of table is carried out to extent possible, while the normalizing tables, care should be taken to make sure that the number of tables do not exceed the optimum level, so that table maintenance. Is convenient and effective
- The process of doing database design generally consists of a number of steps which will be carried out by the database designer. Not all of these steps will be necessary in all cases. Usually, the designer must:
  - Determine the data to be stored in the database
  - Determine the relationships between the



- different data elements
- Superimpose a logical structure upon the data on the basis of these relationships.
- Within the [relational model](#) the final step can generally be broken down into two further steps that of determining the grouping of information within the system, generally

determining what are the basic objects about which information is being stored, and then determining the relationships between these groups of information, or objects. This step is not necessary with an [Object database](#).

- In a majority of cases, the person who is doing the design of a database is a person with expertise in the area of database design, rather than expertise in the domain from which the data to be stored is drawn e.g. financial information, biological information etc. Therefore the data to be stored in the database must be determined in cooperation with a person who does have expertise in that domain, and who is aware of what data must be stored within the system.

4	<b>Password</b>	varchar(100)
5	<b>course_id</b>	varchar(250)

**MODULE DESCRIPTION**

**STAFF:**

- Login Module:**

The login module allows staff to login up by providing

**Table name: course**  
**primary Id: id**  
**foreign key: course\_id**

S.NO	Name	Type
1	<b>id</b>	int(11)
2	<b>course_id</b>	varchar(250)
3	<b>Name</b>	varchar(250)

**Table name: student**  
**primary Id: student\_id**

S.NO	Name	Type
1	<b>student_id</b>	int(11)
2	<b>Name</b>	varchar(250)
3	<b>Year</b>	varchar(250)
4	<b>Department</b>	varchar(250)

**Table name: staff**  
**primary Id: id**  
**foreign key: course\_id**

S.no	Name	Type
1	<b>id</b>	int(11)
2	<b>staff_id</b>	varchar(100)
3	<b>Name</b>	varchar(250)

necessary details such as name and password with captchavalidation.

Upon successful registration, users gain access to the onestop portal dashboard.

- **Mark adding Module:**

In this module, staff can browse through their respectivebatch and department and they can fetch the students.

After that staff can add the marks for the specific coursesfor the specific student.

**ADMIN:**

- **Login Module:**

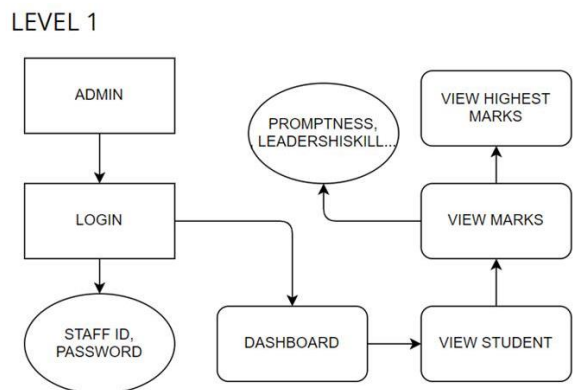
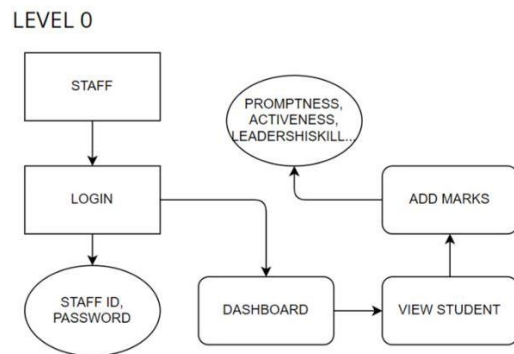
The login module provides authentication for administrators to access the admin dashboard.

Administrators enter their credentials, including usernameand password, to log in securely

- **Dashboard Module:**

The dashboard module serves as the central control panelfor administrators. It displays vital information such as all the student with their specific marks.

**BLOCK DIAGRAM:**



**CONCLUSION**

The development of our one-stop portal project promises to streamline administrative tasks and enrich the

educational experience for staff and administrators alike. By implementing a comprehensive system architecture and leveraging modern technologies, we aim to create a robust and user-friendly platform that simplifies various administrative processes while maximizing efficiency.

Our approach involves meticulous planning, thorough analysis, precise design, and rigorous testing to ensure that the one-stop portal meets the diverse needs and expectations of its users. Through seamless deployment, we strive to provide a platform that empowers staff and administrators to handle administrative tasks with ease, fostering a conducive learning environment and contributing to the overall success of the educational institution.

In conclusion, our one-stop portal project represents a significant step towards enhancing administrative efficiency and improving the educational experience. By integrating features such as student and course management, grading functionalities, and reporting tools, we aim to deliver a seamless and efficient platform for managing educational activities, ultimately benefiting both staff and administrators.

## DEMO IMAGES:



### Efficient Grade Entry for Staff's

Teachers can easily input student grades for various courses.

### Course & Student Management

Manage courses and students efficiently in one place.

### Easy access links I

- [Home](#)
- [Staff Login](#)
- [Admin Login](#)

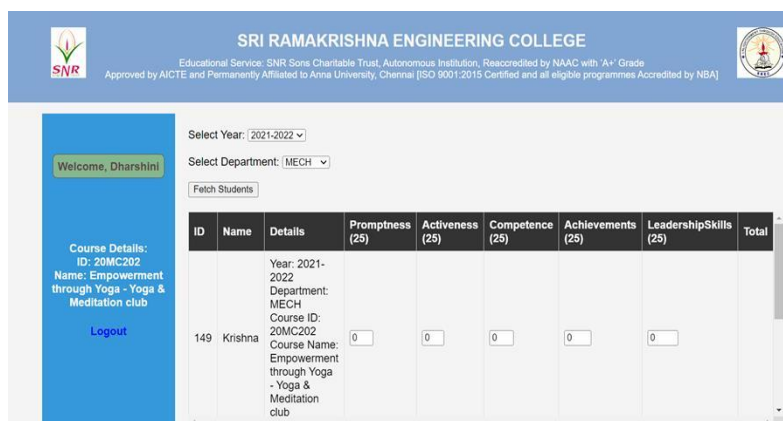


FIG 1: One Stop Portal

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1. Thomas, J., & Edelman, J. (2019). "Credit Scoring Models: A Critical Review from the Perspective of Fairness".
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