

BMS COLLEGE OF ENGINEERING,BENGALURU



Project Report on

“PROCTOR MANAGEMENT SYSTEM”

By

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Under the Guidance of

Mrs. Nandini Vineeth

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Database Application Development carried out at



Department of Computer Science and Engineering

BMS College of Engineering

(Autonomous college under VTU)

P.O. Box No.: 1908, Bull Temple Road, Bangalore-560 019

2019-2020

BMS COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING



CERTIFICATE

This is to certify that the project work “**Proctor Diary Management System**” as a part of Project lab has been carried out by **Vivek Rajeev (1BM18CS142)**, **Sarveshmurthy A(1BM18CS144)**, **Sai Sriram V (1BM18CS140)** and **Gowri Menon (1BM18CS133)** during the academic year 2019-2020.

Signature of the guide
Mrs. Nandini Vineeth
Assistant Professor
Department of Computer Science and Engineering
BMS College of Engineering, Bangalore

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ENGINEERING



DECLARATION

We, **Vivek Rajeev (1BM18CS142), Sarveshmurthy A(1BM18CS144), Sai Sriram V (1BM18CS140) and Gowri Menon (1BM18CS143)** students of 4th Semester, B.E, Department of Computer Science and Engineering, BMS College of Engineering, Bangalore, hereby declare that, this Database Application development work entitled "**Proctor Diary Management System**" has been carried out by us under the guidance of Mrs. Nandini Vineeth, Assistant Professor, Department of CSE, BMS College of Engineering, Bangalore during the academic semester Jan-May 2020

We also declare that to the best of our knowledge and belief, the development reported here is not from part of any other report by any other students.

Signature

VIVEK RAJEEV (1BM18CS142)

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1. Short Description of the Project Work

- **Definition:** A Proctor Management System is system that manages information typically involves; students personal information , employee information, supervisor information and Daily Proctor Report (DPR), reports of their meeting with the student.

Proctor Management System involves

- Student Information Management
- Proctor Student Meeting Information Management
- Academic Reports
- Proctor - Student Management
- Proctor Information

OBJECTIVES

- This Project will automate the manual system used for contact and information medium between proctors and students.
- It will reduce the numerous paper forms.It will reduce the redundancy and the inconsistencies in the data. As the database is centralized redundancy and data inconsistency will be removed.
- It aims at standardizing data, consolidating data ensuring data integrity and reducing inconsistencies.

2. Requirements

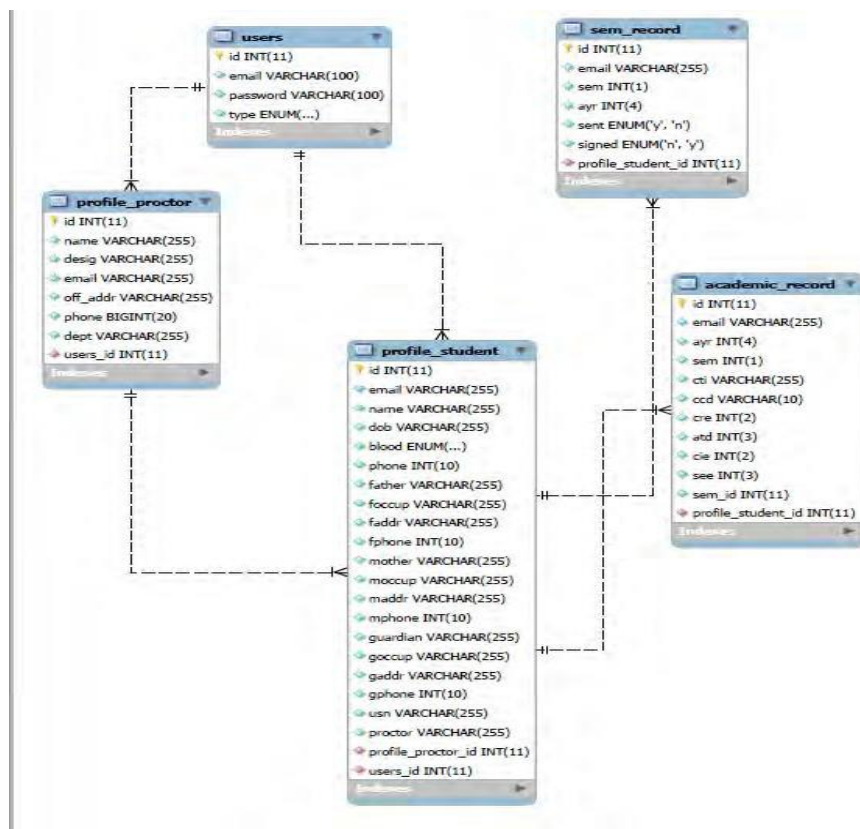
Project Requirements are as follows

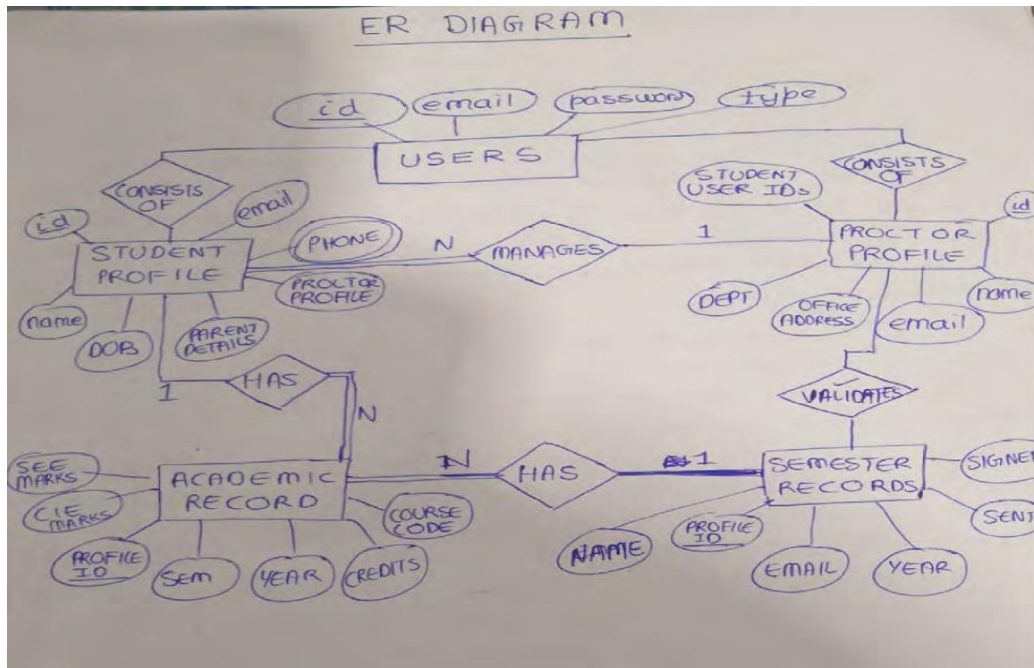
- Department has students and faculties.
- Department will offer a set of courses during each semester.
- Each student in the department during course registration will be opting for courses offered by the department.
- Faculty will be handling courses.

3. List of Entities, Attributes and Keys

- Students (USN (Key), Name)
- Courses (Course Code(Key), Course Name)
- Department (Name(Key))
- Faculty (ID (Key), Name)

4. Entity-Relationship and Schema diagram





5.1 View or Virtual tables

- a. A view or virtual table to generate a report on number of students present in each department.
- b. A view or virtual table to generate a report on number of students enrolled for each course.

5.2 Constraints

5.2.1 Column level constraints

- a. Default value of department ID inside student table is 10

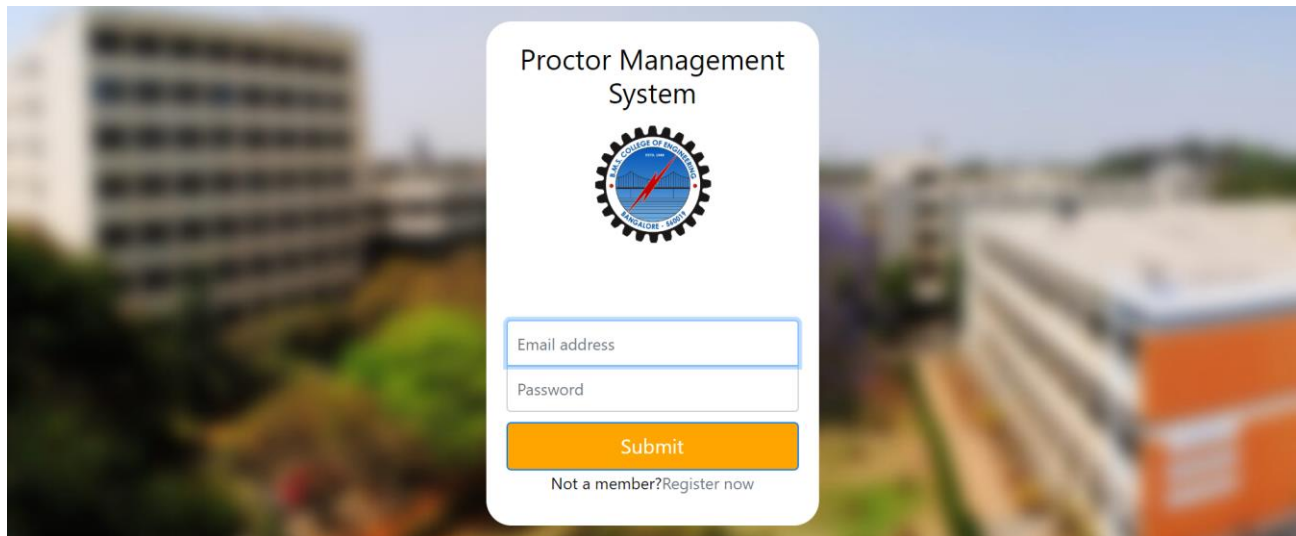
5.2.2 Table level constraints or Assertions

- a. A course will be offered by the department if the minimum number of students enrolled for the course is at least ten students.

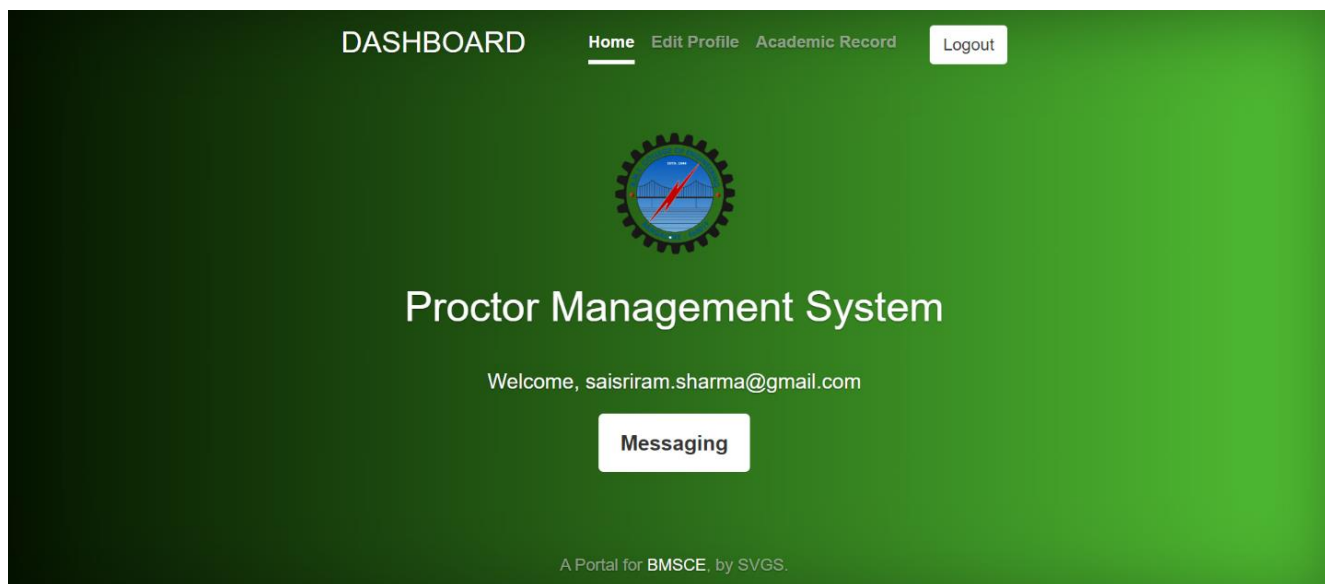
6. Front-End Screen shots

In this section, front-end screen shots of all the forms are shown.

6.1 Login Window



6.2 Main Window



6.3 Registration Page

Proctor Management System

Go to Dashboard

Logout

Edit Your Profile

Personal

Father

Mother

Guardian

Full Name

Full Name

USN

USN

Date of Birth

Date of Birth

6.4Academic Record page

Proctor Management System

Go to Dashboard

Logout

Academic Record

+ Add

S No	Semester	Academic Year	Actions
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