

BMS COLLEGE OF ENGINEERING

(Autonomous College under VTU)

Bull Temple Road, Basavanagudi, Bangalore – 560019



A project report on

“STUDENT PROCTOR MANAGEMENT SYSYTEM”

Submitted in partial fulfillment of the requirements for the award of degree

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

By

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Aug-Dec 2019

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Department of Information Science and Engineering

CERTIFICATE

This is to certify that the project entitled “STUDENT PROCTOR MANAGEMENT SYSTEM” is a bona-fide work carried out by **PRATEEK JAIN (1BM18IS149) & SURAJ S WAIKER (1BM17IS083)** in partial fulfillment for the award of degree of Bachelor of Engineering in **Information Science and Engineering** from **Visvesvaraya Technological University, Belgaum** during the year **2019-2020**. It is certified that all corrections/suggestions indicated for Internal Assessments have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.

Signature of the Faculty
Name and Designation

Signature of the HOD
Name and Designation

Table of Contents

1. Introduction	2
1.1. Purpose	
1.2. Scope	
2. Software Requirement Specification	3
2.1. Software Requirements	
2.2. Hardware Requirements	
2.3. Functionality.....	
3. ER Diagram	4
4. Relational Schema	5
Implementation.....	10
5.1. SQL queries	
6. Conclusion.....	34
6.1. Summary.....	
6.2. Limitations.....	
6.3. Further enhancements.....	
7. References.....	35
8. Appendix: Snapshots	36

INSTRUCTIONS:

1. Use times new roman text – 12 size
2. Title headings bold with -16 size
3. Sub title bold with -14 size
4. Report should be minimum of 25 pages
5. Report to be spiral bound with blue transparency

ABSTRACT

A college proctor management system is a project that manages and stores proctee information electronically according to the proctor needs. This system helps both the proctor and proctee to keep a constant track of all the proctees under a particular proctor.

This portal enables us register as either a student or a proctor. If you're logged in as a student, you can edit your profile and set your academic records per semester. You are allowed to set your proctor in the Edit Profile page as well. This means that you can set the marks obtained in each subject for each semester and then forward the same details to a proctor. Once the proctor has received a student's request, he/she can go through the student details and academic performance and "Sign" the record so as to approve their work. There is a proctee page for each proctor which lists all the proctees under a specific proctor.

TOPIC NAME

STUDENT PROCTOR MANAGEMENT SYSTEM

INTRODUCTION

This is Student Proctor Management system where the system stores the details of the student related to their academics as well as their Extra co-curricular activities. A proctor is assigned to each group of students to keep a check on students academics and his/her overall performance as a student. The performance monitoring will thus help the Proctors to guide students towards their main goal.

PURPOSE OF THE PROJECT

Proctor student information system provides a simple interface for the maintenance of student information. It can be used by educational Institutes 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 online student information management system. This system focuses on presenting information in an easy and intelligible manner which provides facilities like online registration and profile creation of student's thus reducing paper work and automating the record generation process in an educational institution.

SCOPE OF THE PROJECT

The Overall this project of ours is being developed to help the students as well as staff of college departments to track the student records and details in the best way possible and also reduce the human efforts.

- Login to the system through the first page of the application.
- Proctor can assign students for proctor.
- Access the student information.
- View the student details.
- Students can give their marks and attendance details after internals.
- Proctor and parents can login and view the student details.

TOOLS USED:

SOFTWARE REQUIREMENT:

- RDBMS used: MySQL version 14.14
- Operating System used: WINDOWS 10
- Script Language used: PHP,HTML/CSS,JSS..

HARDWARE REQUIREMENT:

- Memory Required: 2GB or more.
- Basic peripheral devices
- Hard Disk: 40 GB or more.
- Processor Requirement: Intel core i5

FUNCTIONALITY :

This online submission system supports following users:

- Student
- Proctor

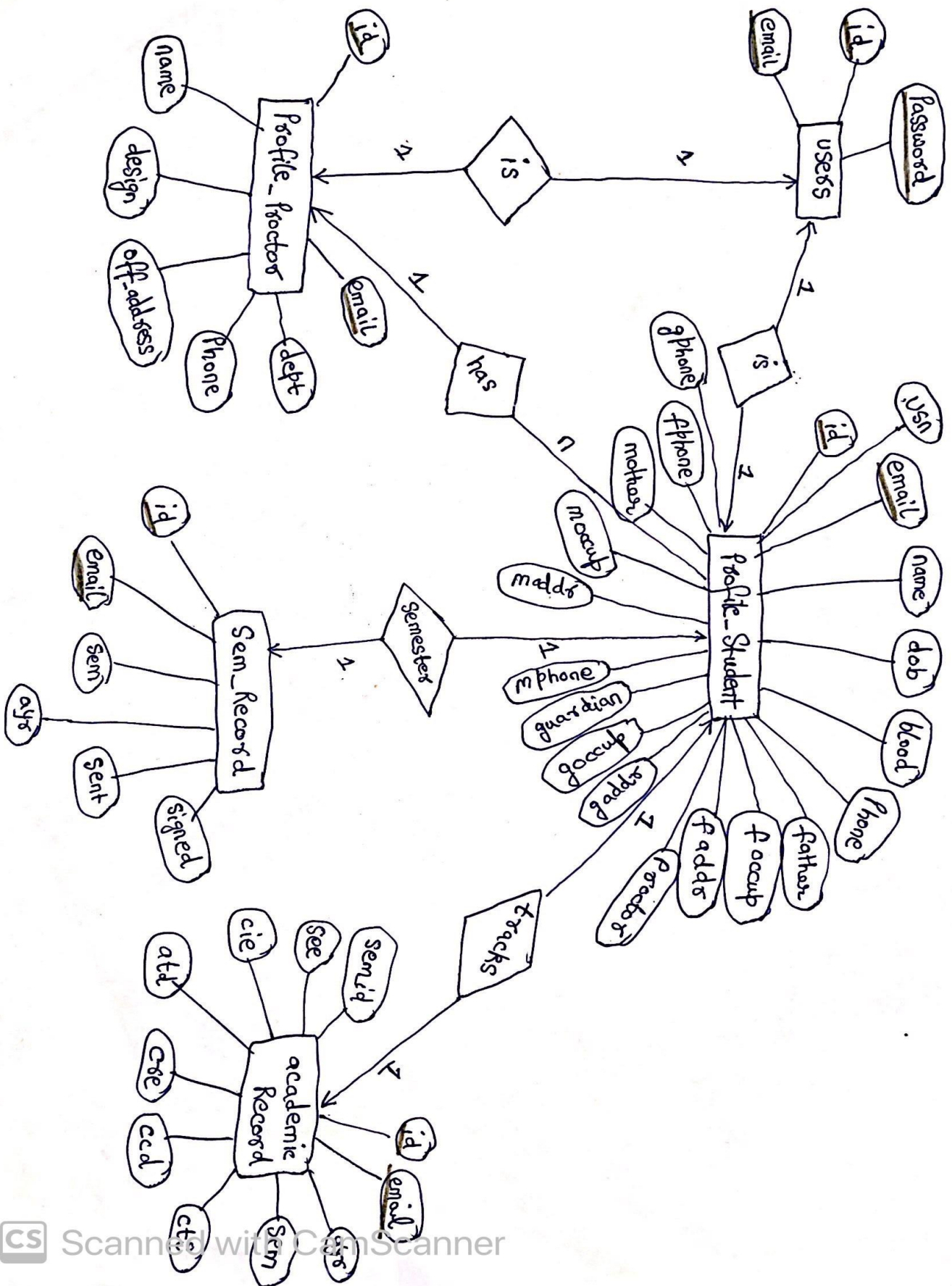
Functionalities under Student login

- Register
- Login

Students can edit their profile, grades, choose their proctor and send their details for verification.

Functionalities under Proctor login

- Edit Profile: Proctor can edit his or her own profile to match the needs.
 - View List of Proctees: The proctor can view the list of proctees under him/her and all of the student's personal details and academic record.
 - "Sign" a student's academic performance for a semester: Upon viewing a proctee's details and academic performance, the proctor can put his or her signature (approval) on their performance for a semester to validate the student's diary.
-



Reference key

registration users	
id : int(11)	
email : varchar(100)	
password : varchar(100)	
type : enum('student','proctor')	

Reference key

registration profile_student	
id : int(11)	
email : varchar(255)	
name : varchar(255)	
dob : varchar(255)	
blood : enum('ap','an','bp','bn','op','on','abp','abn')	
phone : int(10)	
father : varchar(255)	
foccup : varchar(255)	
faddr : varchar(255)	
fphone : int(10)	
mother : varchar(255)	
moccup : varchar(255)	
maddr : varchar(255)	
mphone : int(10)	
guardian : varchar(255)	
goccup : varchar(255)	
gaddr : varchar(255)	
gphone : int(10)	
usn : varchar(255)	
proctor : varchar(255)	

Foreign key

registration academic_record	
id : int(11)	
email : varchar(255)	
ayr : int(4)	
sem : int(1)	
cti : varchar(255)	
ccd : varchar(10)	
cre : int(2)	
atd : int(3)	
cie : int(2)	
see : int(3)	
sem_id : int(11)	

Foreign key

registration sem_record	
id : int(11)	
email : varchar(255)	
sem : int(1)	
ayr : int(4)	
sent : enum('y','n')	
signed : enum('n','y')	

Foreign key

registration profile_proctor	
id : int(11)	
name : varchar(255)	
desig : varchar(255)	
email : varchar(255)	
off_addr : varchar(255)	
phone : bigint(20)	
dept : varchar(255)	

Reference key

TABLES FOR THE FOLLOWING ER-DIAGRAM:-

```
CREATE TABLE `academic_record` (  
    `id` int(11) NOT NULL,  
    `email` varchar(255) NOT NULL,  
    `ayr` int(4) NOT NULL,  
    `sem` int(1) NOT NULL,  
    `cti` varchar(255) NOT NULL,  
    `ccd` varchar(10) NOT NULL,  
    `cre` int(2) NOT NULL,  
    `atd` int(3) NOT NULL,  
    `cie` int(2) NOT NULL,  
    `see` int(3) NOT NULL,  
    `sem_id` int(11) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
--  
  
-- Dumping data for table `academic_record`  
  
--  
  
INSERT INTO `academic_record` (`id`, `email`, `ayr`, `sem`, `cti`, `ccd`, `cre`, `atd`,  
    `cie`, `see`, `sem_id`) VALUES  
  
(112, 'saifur.cs17@bmsce.ac.in', 2018, 4, 'Linear Algebra', '15CS12DCLA', 4, 90, 49,  
    97, 29),
```

(113, 'saifur.cs17@bmsce.ac.in', 2018, 4, 'Operating Systems', '15CS12DCOS', 6, 93, 41, 84, 29),

(114, 'priyanka.cs18@bmsce.ac.in', 2018, 2, 'COA', '15CS12DCOA', 4, 87, 47, 75, 30),

(121, 'saifur.cs17@bmsce.ac.in', 2018, 5, 'DS', '1', 3, 2, 4, 5, 31),

(122, 'saifur.cs17@bmsce.ac.in', 2018, 5, 'COA', '2', 5, 4, 6, 4, 31),

(123, 'saifur.cs17@bmsce.ac.in', 2018, 3, 'Fluid Mechanics', '15ME3DCFME', 6, 90, 50, 100, 28),

(124, 'saifur.cs17@bmsce.ac.in', 2018, 3, 'SOM', '15ME3DCSOM', 6, 90, 50, 98, 28),

(129, 'rohan.cs17@bmsce.ac.in', 2018, 2, 'COA', '15CS12DCDS', 7, 58, 67, 98, 33),

(130, 'rohan.cs17@bmsce.ac.in', 2018, 2, 'WP', '15CS12DCWE', 4, 87, 68, 75, 33),

(131, 'rohan.cs17@bmsce.ac.in', 2018, 2, 'NEW', '15CS12DCNE', 2, 97, 67, 74, 33),

(135, 'saifur.cs17@bmsce.ac.in', 8, 2015, '154', '4', 6, 4, 7, 9, 34),

(139, 'saifur.cs17@bmsce.ac.in', 2014, 7, '154', '4', 6, 4, 7, 9, 32),

(140, 'saifur.cs17@bmsce.ac.in', 2050, 9, 'MAths', '1542145241', 4, 85, 48, 98, 35),

(141, 'saifur.cs17@bmsce.ac.in', 2050, 9, 'coa', '2514s54584', 3, 87, 42, 87, 35);

-- -----

--

-- Table structure for table `profile_proctor`

--

```
CREATE TABLE `profile_proctor` (  
  `id` int(11) NOT NULL,  
  `name` varchar(255) NOT NULL,
```

```
`desig` varchar(255) NOT NULL,  
  
`email` varchar(255) NOT NULL,  
  
`off_addr` varchar(255) NOT NULL,  
  
`phone` bigint(20) NOT NULL,  
  
`dept` varchar(255) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--
```

```
-- Dumping data for table `profile_proctor`
```

```
--
```

```
INSERT INTO `profile_proctor` (`id`, `name`, `desig`, `email`, `off_addr`, `phone`,  
`dept`) VALUES  
  
(16, 'Saritha A N', 'Assistant Professor', 'saritha.cse@bmsce.ac.in', 'S - 403, 4th  
Floor, New Building, BMSCE', 9980186153, 'cs'),  
  
(17, 'Pallavi G B', 'Assistant Professor', 'pallavi.cse@bmsce.ac.in', 'S - 412, 4th  
Floor, New Building, BMSCE', 9845786541, 'cs');
```

```
-- -----
```

```
--
```

```
-- Table structure for table `profile_student`
```

```
--
```

```
CREATE TABLE `profile_student` (  
  
  `id` int(11) NOT NULL,
```

```
`email` varchar(255) NOT NULL,  
  
`name` varchar(255) NOT NULL,  
  
`dob` varchar(255) NOT NULL,  
  
`blood` enum('ap','an','bp','bn','op','on','abp','abn') NOT NULL,  
  
`phone` int(10) NOT NULL,  
  
`father` varchar(255) NOT NULL,  
  
`foccup` varchar(255) NOT NULL,  
  
`faddr` varchar(255) NOT NULL,  
  
`fphone` int(10) NOT NULL,  
  
`mother` varchar(255) NOT NULL,  
  
`moccup` varchar(255) NOT NULL,  
  
`maddr` varchar(255) NOT NULL,  
  
`mphone` int(10) NOT NULL,  
  
`guardian` varchar(255) NOT NULL,  
  
`goccup` varchar(255) NOT NULL,  
  
`gaddr` varchar(255) NOT NULL,  
  
`gphone` int(10) NOT NULL,  
  
`usn` varchar(255) NOT NULL,  
  
`proctor` varchar(255) NOT NULL  
  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--
```

```
-- Dumping data for table `profile_student`
```

```
--
```

```
INSERT INTO `profile_student` (`id`, `email`, `name`, `dob`, `blood`, `phone`,
`father`, `foccup`, `faddr`, `fphone`, `mother`, `moccup`, `maddr`, `mphone`,
`guardian`, `goccup`, `gaddr`, `gphone`, `usn`, `proctor`) VALUES
(11, 'saifur.cs17@bmsce.ac.in', 'Saifur Rahman', '25/07/1998', 'bp', 2147483647,
'A Rahman', 'Central Government Employee', 'Bangalore', 2147483647, 'R Shahin',
'Housewife', 'Bangalore', 2147483647, "", "", 0, '1BM16CS048',
'saritha.cse@bmsce.ac.in'),
(12, 'rohan.cs17@bmsce.ac.in', 'Rohan Mayya', '03/04/1999', 'ap', 2147483647, 'JP
Mayya', 'Doctor', 'Bangalore', 2147483647, 'Shuba Mayya', 'Housewife',
'Bangalore', 2147483647, '-', '-', '-', 0, '1BM17CS077', 'saritha.cse@bmsce.ac.in'),
(13, 'priyanka.cs18@bmsce.ac.in', "", "", 'ap', 0, "", "", 0, "", "", 0, "", "", 0, "",
'pallavi.cse@bmsce.ac.in');
```

--

-- Table structure for table `sem_record`

--

```
CREATE TABLE `sem_record` (
  `id` int(11) NOT NULL,
  `email` varchar(255) NOT NULL,
  `sem` int(1) NOT NULL,
  `ayr` int(4) NOT NULL,
  `sent` enum('y','n') NOT NULL,
  `signed` enum('n','y') NOT NULL
```

```
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--
```

```
-- Dumping data for table `sem_record`
```

```
--
```

```
INSERT INTO `sem_record` (`id`, `email`, `sem`, `ayr`, `sent`, `signed`) VALUES
```

```
(28, 'saifur.cs17@bmsce.ac.in', 3, 2018, 'n', 'y'),
```

```
(29, 'saifur.cs17@bmsce.ac.in', 4, 2018, 'y', 'y'),
```

```
(30, 'priyanka.cs18@bmsce.ac.in', 2, 2018, 'n', 'n'),
```

```
(31, 'saifur.cs17@bmsce.ac.in', 5, 2018, 'y', 'y'),
```

```
(32, 'saifur.cs17@bmsce.ac.in', 7, 2018, 'n', 'y'),
```

```
(33, 'rohan.cs17@bmsce.ac.in', 2, 2018, 'y', 'y'),
```

```
(34, 'saifur.cs17@bmsce.ac.in', 2015, 8, 'y', 'n'),
```

```
(35, 'saifur.cs17@bmsce.ac.in', 9, 2050, 'y', 'y');
```

```
-- -----
```

```
--
```

```
-- Table structure for table `users`
```

```
--
```

```
CREATE TABLE `users` (
```

```
  `id` int(11) NOT NULL,
```

```
  `email` varchar(100) NOT NULL,
```

```
  `password` varchar(100) NOT NULL,
```

```
`type` enum('student','proctor') NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--

-- Dumping data for table `users`

--

INSERT INTO `users` (`id`, `email`, `password`, `type`) VALUES

(66, 's@s.com', '03c7c0ace395d80182db07ae2c30f034', 'student'),

(67, 'p@p.com', '83878c91171338902e0fe0fb97a8c47a', 'student'),

(68, 'saritha.cse@bmsce.ac.in', '202cb962ac59075b964b07152d234b70',

'proctor'),

(69, 'saifur.cs17@bmsce.ac.in', '202cb962ac59075b964b07152d234b70',

'student'),

(70, 'rohan.cs17@bmsce.ac.in', '202cb962ac59075b964b07152d234b70',

'student'),

(71, 'pallavi.cse@bmsce.ac.in', '202cb962ac59075b964b07152d234b70',

'proctor'),

(72, 'priyanka.cs18@bmsce.ac.in', '202cb962ac59075b964b07152d234b70',

'student');

--

-- Indexes for dumped tables

--

--
```

```
-- Indexes for table `academic_record`
```

```
--
```

```
ALTER TABLE `academic_record`
```

```
ADD PRIMARY KEY (`id`);
```

```
--
```

```
-- Indexes for table `profile_proctor`
```

```
--
```

```
ALTER TABLE `profile_proctor`
```

```
ADD PRIMARY KEY (`id`),
```

```
ADD UNIQUE KEY `email` (`email`);
```

```
--
```

```
-- Indexes for table `profile_student`
```

```
--
```

```
ALTER TABLE `profile_student`
```

```
ADD PRIMARY KEY (`id`),
```

```
ADD UNIQUE KEY `email` (`email`);
```

```
--
```

```
-- Indexes for table `sem_record`
```

```
--
```

```
ALTER TABLE `sem_record`
```

```
ADD PRIMARY KEY (`id`);
```

```
--
```

```
-- Indexes for table `users`
```

```
--
```

```
ALTER TABLE `users`
```

```
  ADD PRIMARY KEY (`id`);
```

```
--
```

```
-- AUTO_INCREMENT for dumped tables
```

```
--
```

```
--
```

```
-- AUTO_INCREMENT for table `academic_record`
```

```
--
```

```
ALTER TABLE `academic_record`
```

```
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=142;
```

```
--
```

```
-- AUTO_INCREMENT for table `profile_proctor`
```

```
--
```

```
ALTER TABLE `profile_proctor`
```

```
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=18;
```

```
--
```

```
-- AUTO_INCREMENT for table `profile_student`
```

```
--
```

```
ALTER TABLE `profile_student`
```

```
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=14;
```

--

-- AUTO_INCREMENT for table `sem_record`

--

ALTER TABLE `sem_record`

MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=36;

--

-- AUTO_INCREMENT for table `users`

--

ALTER TABLE `users`


MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=73;

COMMIT;

/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;

/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;

/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;



CONCLUSION : The main goal of this project is to develop a digital record management system that provides a virtual place for data to be stored in the system, so that the college management can easily maintain the details of the students.

LIMITATIONS:- The limitation of the project is that it can be only used for colleges and university but it cannot be used for central employees or teachers management.

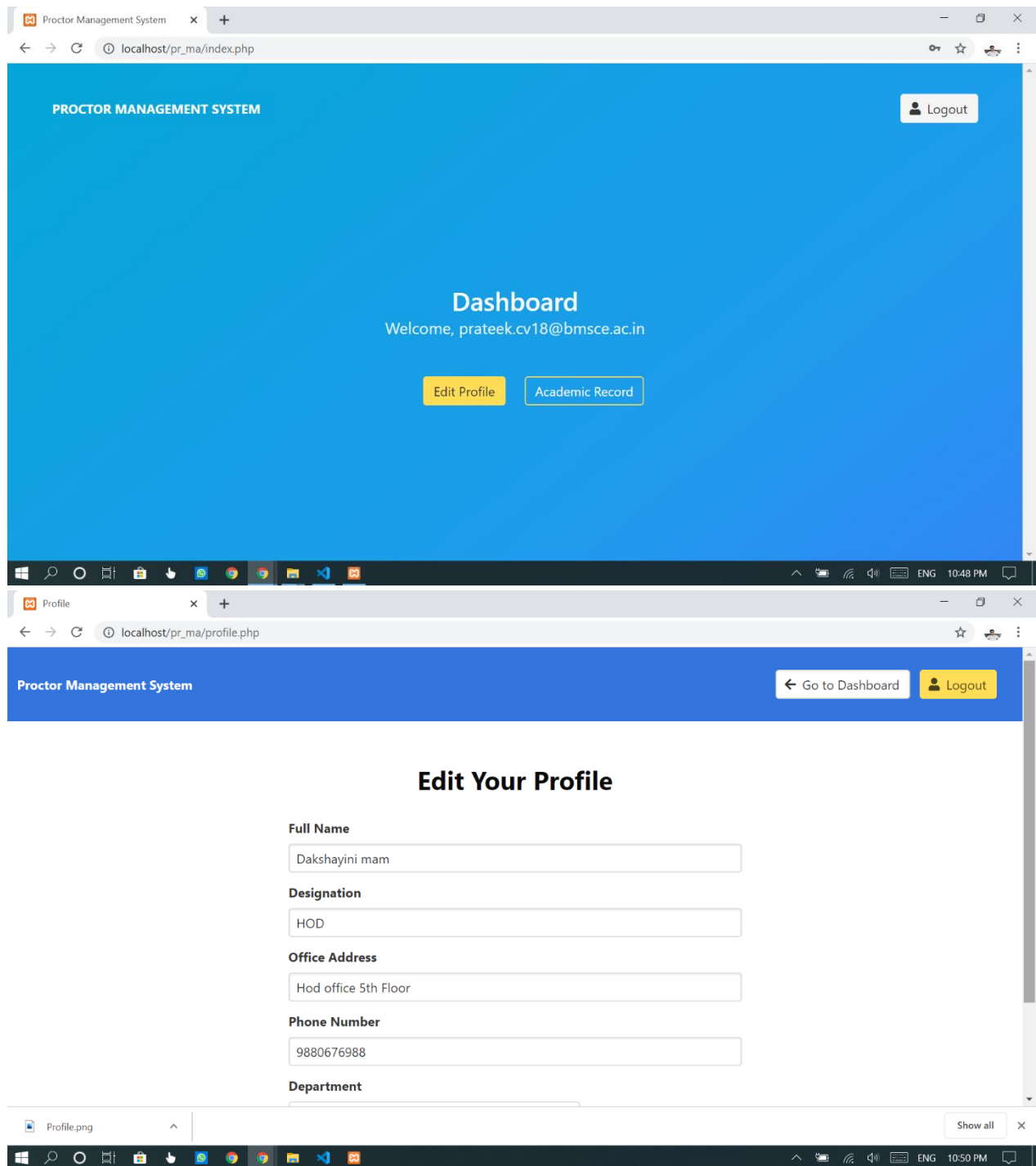
FURTHER ENHANCEMENT: This project can be further enhanced by connecting it to a central network and also we can also place the data in the cloud,so that there will not be any problems of data loss.

REFERENCES:-

- [Getbootstrap.com](https://getbootstrap.com/)
- [BMSCE.ac.in](https://bmsce.ac.in/)
- [W3SCHOOLS.com](https://www.w3schools.com/)
- [UDEMY.COM](https://www.udemy.com/)
- [YOUTUBE](https://www.youtube.com/)



SNAPSHOTS:



Proctor Management System

localhost/pr_ma/index.php

PROCTOR MANAGEMENT SYSTEM

Logout

Dashboard

Welcome, hod.is@bmsce.ac.in

Edit Profile

Proctees

Profile.png

Show all

Create a New Repository

saifsmailbox98/proctor-manage

Proctees

localhost/pr_ma/proctees.php?p=prateek.cv18@bmsce.ac.in

Proctor Management System

Student details

Go to Dashboard

Logout

Full Name:	Prateek Jain
Email	prateek.cv18@bmsce.ac.in
USN:	1BM18CV121
DOB:	26/05/1999
Blood Group:	bp
Phone Number:	2147483647
Father Name:	Dinesh Chand Jain
Father Occupation:	Indian Railways
Father Address:	House no. 332 opp.

Go Back

Student Name

USN

Prateek Jain

1BM1

Academic Performance

Academic Performance

ENG

10:50 PM

ENG

11:01 PM

