

## **Final Project Report**

### **Course Information:**

**Course: CSE 480 Web Database Programming (Sections 1)**

**Instructor: CSE 480 Web Database Programming (Sections 1)**

### **Project Name:**

<b>Title of the Project</b>	<b>Student Attendance Management System</b>
<b>Student (ID &amp; Name)</b>	<b>Nafis Nawal Nahiyan (2018-1-60-072)</b>

### **Project Purpose:**

The purpose of the Student Attendance Management System is to automate the process of taking attendance of students by a faculty or admin for a course. This web program maintains the record of the students, course information, attendance date etc. These records are used to take attendance for a course which can be created with an attendance creation date.

### **Project Goals and Objectives:**

The goals and objectives of the Student Attendance Management System are as follows:

1. To allow admin or course instructor to create an attendance sheet so that student can access that sheet to give attendance.
2. To provide an efficient attendance taking process to students by keeping their information recorded.
3. To provide a database of attendance of each student according to their course.
4. To provide daily, weekly & monthly report of each student's attendance.

## Project Description:

The system that is going to be developed is Student Attendance Management System (SAMS). This is a database application system that is to be used by the universities or educational institutions to automate the attendance taking process of each student and show a report of that. This application will also allow admin to edit course information, student information. Admin can also edit his own information and create student account on his own.

## Scope:

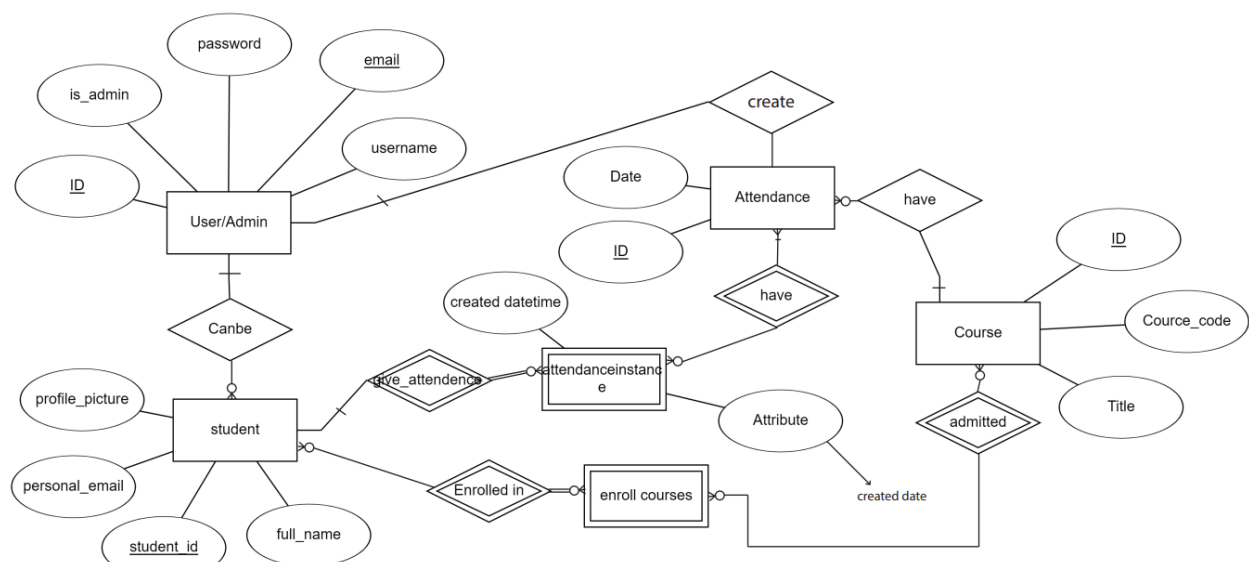
As a whole the system is focused to work by the universities or educational institutions and with further modification, it can be also used as management systems of similar organizations.

## System Users:

- Administrator: Has full privilege on the system's functions
- Students: Has privilege on the system's functions as assigned by the administrator

## Database:

A complete ER Diagram:



### Processes:

- **Login:** The system provides security features through username-password matching where only authorized user can access the system with different authorization level.

## Login

University Email:

User Password:

Login

You Have been logged out

- **Student Registration:** This allows student of the dedicated educational institute to register as user of the system on their own. Student ID, University Email & Password has to be given and other fields are optional and can be updated later.

## Sign Up

Sign Up

- **Attendance System:** Admin can only create attendance sheet with a specific date for a course and students on that course will be shown the enrolled students of that course. They can give attendance to the course and it will be recorded for report generation. The date that student accesses the account must match the date for which attendance is created. Other wise no attendance sheet will be visible to user.

## Generate Attendance Sheet

CSE 245 - Intro to Algorithms

dd/mm/yyyy



Generate Attendance Sheet

Attendance Sheet Created For This Course

## Welcome User

Date: 2021-09-06

Your Enrolled Courses:

Course Code	Course Title
CSE 245	Intro to Algorithms
BUS 101	Business Studies
CSE 411	Software Engineering
CSE 375	Compiler Design

Todays Attendance Sheet

Course Code	Course Title	Present
CSE 245	Intro to Algorithms	<p>Present</p>
BUS 101	Business Studies	<p>Present</p>
CSE 375	Compiler Design	<p>Present</p>

Edit Student Info

- **Attendance Report:** Admin can generate attendance report for student on daily, weekly or monthly basis. Admin has to select the date and student id to generate the report. The students who have submitted their attendance of given day will be shown.

## Attendance Report

2001

dd/mm/yyyy

Show Report

Attendance Report of : 2021-09-06

Attended Course Id	Attended Course Title	Date
CSE 245	Intro to Algorithms	2021-09-06
BUS 101	Business Studies	2021-09-06
CSE 375	Compiler Design	2021-09-06

Student ID:

2001

From Date:

dd/mm/yyyy

To Date:

dd/mm/yyyy

Show Report

Attendance Report From : 2021-09-02 to 2021-09-09

Attended Course Id	Attended Course Title	Date
CSE 245	Intro to Algorithms	2021-09-06
BUS 101	Business Studies	2021-09-06
CSE 375	Compiler Design	2021-09-06

- **Student Information Management:** Admin can manage student information like update, add or delete student's information. Admin can assign course to the students and also see the course a student is enrolled in.

## Manage Student Info

[See All Student Info](#)

### Search Student Info

[Search](#)

### Update Student Info : (Search For A Student First)

  
  
  
[save](#)

- **Course Information Management:** Admin can manage course information like update the title of the course and see how many students are enrolled in a particular course. Admin can also add a course to the data base and students will be enrolled in it.

## Manage Course Info

[See All Course Info](#)  
[See All Course Info](#)

### Search Course Info

[Search](#)

### Assign Student To Course

[Add Student to Course](#)

### Add New Course

[Add Course](#)

**Technology :**

**Frontend Language: PHP**

**Backend Language: MySql Database**