

# Attendance Management System

CSE-0318 Software Engineering Lab  
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# Introduction

- **Attendance Management System is a** software developed for daily student attendance in State University of Bangladesh.
- . It facilitates to access the attendance information of a particular student in a particular class.
- The information is sorted by the operators, which will be provided by the teacher for a particular class.
- This system will also help in evaluating attendance eligibility criteria of a student.

# Users of the system

There are two users of this system

They are:

- **Admin**
- **Faculty**

# Concepts

## **PROPOSED SYSTEM:**

- This Application is built for automating the processing of attendance. It also enhances the speed of the performing attendance task easily. It also generates periodic reports to keep a check on the students who are regular who are not.
- A Faculty has to login to the system then in the attendance option they have to select appropriate class, semester and subject. So this will display the list of the students who are eligible to appear in this session. So now the faculty has to just select the students name from the manual attendance sheet according to their roll number and then submit the sheet. This will add the selected students as present student in that particular session.

# Project goals & Objectives

- 1. To remove the manual work.
- 2. To decrease the paperwork.
- 3. To save the time of users.
- 4. To automate calculation.
- 5. Faculty is allowed to change or modify students attendance data.

# Work Flow

- **Admin can** add or modify the teacher's information, student's information, course information, department information, semester information and teacher's course information.
- **Faculty can** add student on their courses and take attendance and generate reports on their own courses.

# Benefits

- **User Friendly:** The proposed system is user friendly because the retrieval and storing of data is fast and data is maintained efficiently. Moreover the interface provided in the proposed system, provides user to deal with the system very easily.
- **Reports are easily generated:** Reports can be easily generated in the proposed system so user can generate the report as per the requirement or in the middle of the semester.
- **Very less paper work:** The proposed system requires very less paper work. All the data is feted into the computer immediately and reports can be generated through computers. Moreover work becomes very easy because there is no need to keep data on papers.



# User Interface

The screenshot shows a web browser window with the following elements:

- Browser Tabs:** (12) CSE-0408 Summe..., Course\_CSE-0318 So..., CSE-0318-Summer-20..., latex auto date - Goog..., Add current time to Vi..., login
- Address Bar:** localhost/project-1/index.php
- Logo:** STATE UNIVERSITY OF BANGLADESH
- Page Title:** Attendance Management System
- Login Options:** Admin Login (selected), Faculty Login
- Admin Login Form:**
  - Email:**
  - Password:**
  - Login Button:** Login

The Windows taskbar at the bottom shows various application icons and the system clock indicating 11:13 PM on Desktop.

# Register Teacher

The screenshot displays a web browser window with a single tab titled 'Register Teacher' at the address 'localhost'. The browser's address bar shows the file path 'MS/files/register\_teacher.php'. The application's navigation bar includes 'Attendance' and 'Home' links on the left, and an 'Admin' dropdown menu on the right. A sidebar on the left contains a list of menu items: 'Register Teacher' (highlighted with a green border), 'Show Teacher', 'Register Student', 'Students', 'Department', 'Course', 'Semester', and 'Teacher Courses'. The main content area features a form titled 'Register Teacher' with the following fields: 'Select Department' (a dropdown menu), 'Teacher ID (unique)' (a text field containing 'admin@gmail.com'), 'Teacher Name' (an empty text field), 'Email' (an empty text field), and 'Password' (a text field with masked characters '\*\*\*\*\*'). A green 'Register Teacher' button is positioned at the bottom of the form. The Windows taskbar at the bottom shows various application icons and the system clock indicating 6:41 PM on Desktop.

Register Teacher

Register Teacher  
localhost

Attendance Home Admin

Register Teacher

Show Teacher

Register Student

Students

Department

Course

Semester

Teacher Courses

Register Teacher

Select Department

Teacher ID (unique)

admin@gmail.com

Teacher Name

Email

Password

\*\*\*\*\*

Register Teacher

# Show Teacher

Register Teacher x +

Register Teacher  
localhost

MS/files/show\_all\_teacher.php

Attendance Home Admin

Register Teacher

Show Teacher

Register Student

Students

Department

Course

Semester

Teacher Courses

## All Teacher

| Teacher ID | Name                 | Teacher Email    | Dept.                            | Action. |
|------------|----------------------|------------------|----------------------------------|---------|
| UG001      | Muhammad Masud Tarek | tarek@gmail.com  | Computer Science And Engineering | Edit    |
| UG002      | Mamoon Al Rasheed    | mamoon@gmail.com | Computer Science And Engineering | Edit    |
| UG003      | Khan Md. Hasib       | hasib@sub.edu.bd | Computer Science And Engineering | Edit    |
| UG004      | Amina Rahman         | amina@sub.edu.bd | Computer Science And Engineering | Edit    |

# Register Student

Register Student

localhost

MS/files/student\_register.php

Attendance Home Admin

Register Teacher

Show Teacher

Register Student

Students

Department

Course

Semester

Teacher Courses

## Register Student

Select Department

Computer Science And Engineering-(CSE)

Student Name

Student ID:

Email:

Register Student

# Conclusion

- **Attendance Management system is a** web application.
- **The key concept is** to minimize the amount of paper and convert all forms of documentation into digital form.
- It can observe that the information required can be obtained with ease and accuracy in the computerized system.
- The user with minimum knowledge about computer can be able to operate the system easily.



Thank you