

A DBMS PROJECT PROPOSAL ON  
**E-ATTENDANCE SYSTEM**



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2078-08-16

## **ABSTRACT**

E-attendance system aims to solve the current problem of paper attendance Providing more flexibility and security to the student attendance record. Completion of this project will result in a frontend interface integrated with backend and a relational database system to insert, modify, retrieve and delete the student attendance record. Teacher will be admin and has right to all database operation whereas students can only retrieve their data, A simple name and password based authentication system is made to ensure proper access.

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# **1.INTRODUCTION**

## **1.1 OVERVIEW**

Attendance is very important in evaluation of student or employee performance and to provide necessary markings. organization of attendance system plays key role in providing integrity and flexibility in analysis of those collected data providing accuracy and flexibility In evaluation and publishing accurate statistics.

## **1.2 PROBLEM STATEMENT**

Till now attendance is done in a paper, teachers call a roll number and tick in the paper if present or employee just write their name in registrar. this organization of taking attendance is less secure, less flexible and analysable. It gets very hard to centralize and store data for long term analysis. Also updating and retrieving done through hand.

## **1.3 OBJECTIVES**

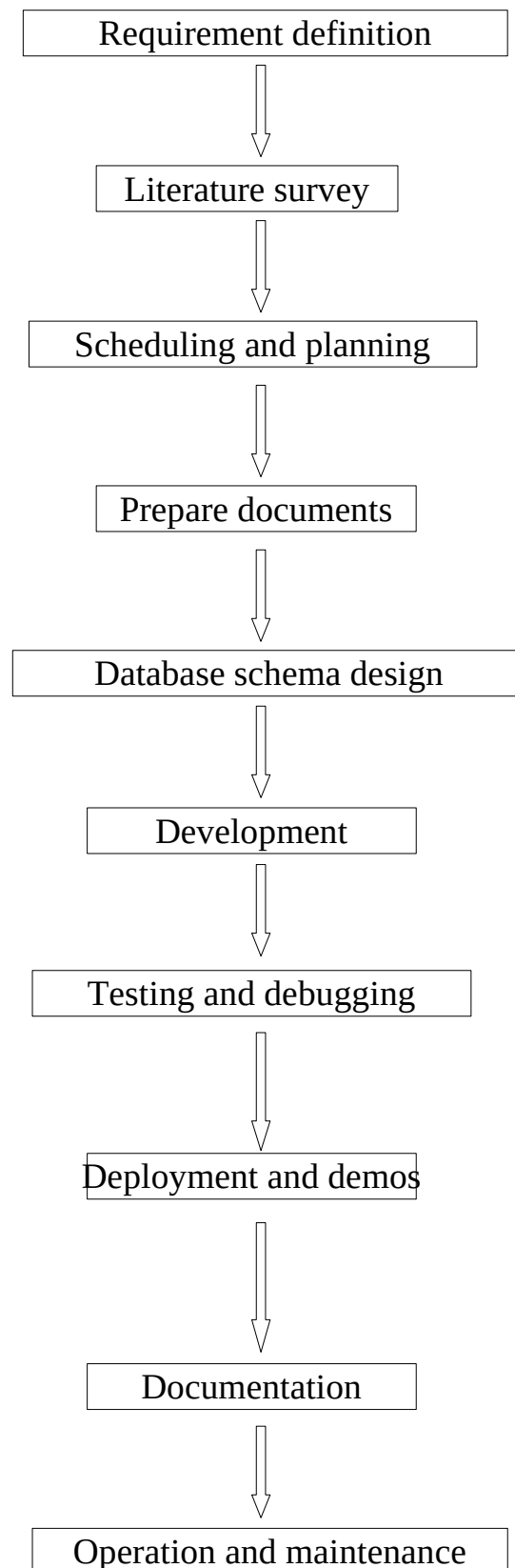
This project aim to develop a relational database system and a interface which implement a college attendance system schema to store , retrieve, update and delete student attendance record.

# 4.LITERATURE SURVEY

E-attendance system is implemented by different sectores include our own College. Recent trends uses a hardware implementation for record entering.

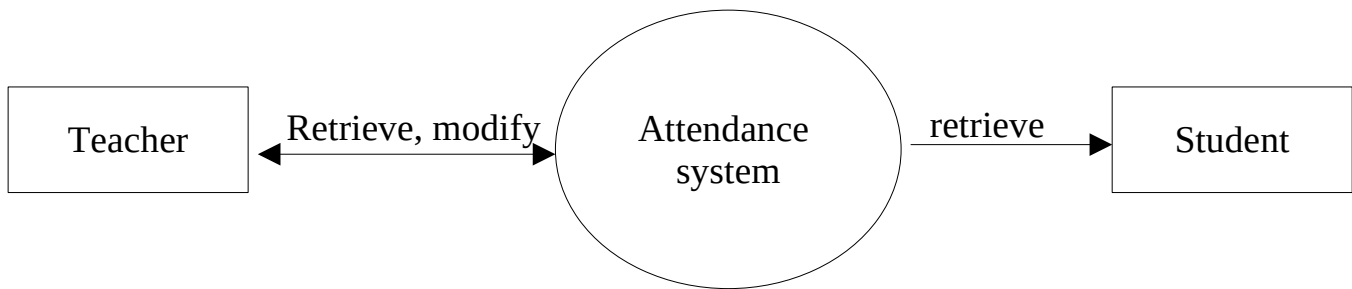
Reference	Objectives	Features
( <a href="https://doit.gov.np/en/spage/e-attendance">https://doit.gov.np/en/spage/e-attendance</a> )	<div><div>1. centralizing attendance record.</div><div>2. generating attendance based employee record.</div></div>	<div><div>1. record management function.</div><div>2. record retriving and search function.</div><div>3. record importing/exporting function</div></div>

## 5.METHODOLOGY



### 5.1 Workflow diagram

This project is done using php as backend, html and css as frontend interface And mySQL as RDBMS.



## 5.2 DFD LEVEL-0

Teacher will be able to login as admin and can retrieve, modify, insert and delete records.

Students can access their data by entering roll number and date of birth.

## 6.SCHEDULING

The time frame of completion of this project is 12 weeks. This project is divided into four tasks:

S.N.	Task	Time frame
1.	Requirement sepcification and design.	3 weeks
2.	Development.	5 weeks
3.	Deployment, testing and debugging.	3 weeks
4.	Documentation.	1 weeks



## 6. REFERENCES

- [1] <https://www.ezone.com.np/blog/2015/05/software-selection-tips>
- [2] <https://doit.gov.np/en/spage/e-attendance>