SYNOPSIS
On
"ATTENDENCE MANAGEMENT SYSTEM"
Submitted in Partial Fulfillment of the Requirements
For the Award
Of
Degree of B.Tech
To

Uttarakhand Technical University,Dehradun
Under the Guidance of
MR.PRADEEP CHAUHAN
*(*Assistant Professor*)*
Submitted By

KUNDAN KUMAR   YASHRAJ YADAV
210410101064   210410101120
YASHWANT YADAV   SUDHANSHU SINGH
210410101121   210410101110
PRINCE RAJ
210410101084

Department of Computer Science and Engineering
Shivalik College of Engineering
Shiniwala, P.O. Sherpur, Shimla Road,Dehradun –
248197 Uttrakhand, In
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OBJECTIVES

Build a web application to maintain attendance of Students, reduce the paper work related to attendance and some other features.

- Reduced operational time.
- Increased accuracy and reliability.
- Increased operational efficiency.
- Data security.

This project is used by type of user

1. Students
2. Teachers
3. Coordinators
4. Head of Department(H.O.D)
5. Dean

Everyone can access the system by providing there valid ID and Password. They can access modules such as viewing their own profile, Student's profiles,view time-table,attendance of students.

MODIFICATION AND IMPROVEMENT OVER THE EXISTING IMPLIMENTIONTATION

Present State:

- No software present at all.
- Time consumed in accessing the records of the students.
- Manual manage attendance of students.
- Student are informed by sending mail other way to them manually.
- Headache of academic cell is more to manage the information of students manually.
- More time taken to registration of students on registration forms.

After implementation of project

• Easy to use GUI.

• Students can register online no rush for registration in Placement department.

- Students can get informed by email or mobile notification automatically.
- List of weak students can be made on single click.
- Report of students according to need of Academic cell can be generated easily.
- Burden of Academic cell decreases.
- Send weekly Attendance to Students Automatically.

TOOLS AND TECHNOLOGY USE

- **Eclipse or NetBeans:** It is a powerful IDE that ensures quality code throughout the entire application lifecycle, from design to deployment. Whether you're developing applications for SharePoint, the web etc.
- **Android studio:** It is also a powerful IDE that ensures quality code throughout the entire application lifecycle, from design to deployment. Whether you're developing applications for Android mobile.
- **MySQL:** MYSQL Server is a relational database management system. it is a software product whose primary function is to store and retrieve data as requested by other software applications, be it those on the same computer or those running on another computer across a network (including the Internet).

Technology:

- **Java:** it is object oriented programming language.
- **MySQL**: MySQL is a structured query language used for querying database.
- **HTML:** It is used for giving eye catching look to the website. And also providing easy to use GUI.
- **CSS:** CSS is cascading style sheet which is used to give designer look to HTML using the external file.
- **Java script:** Java script is used for client side scripting which can help in using validation on the website and many more other functions.
- **JSP:** java server page is used to handle the business logic, the model supported by Java servlet template engines.
- **XML:** Extensible Mark-up Language was designed to store and transport data.

SIGNIFICANCE OF PROJECT

1. Reduction in use of pen and paper.

2. More trusted environment and no proxy,

3. A small contribution of ours in saving trees,

4. Everything is monitored digitally

5. Time will be reduced and easy conduction of tests, assignments as well as notes facilities.

6. Parents themselves can check the student performance.

TIME FRAME REQUIRED FOR VARIOUS STAGES OF PROJECT IMPLEMENTATION

Sr. No.	PHASES	TIME DURATION
1.	Software Requirement Specification	
2.	System Design	
3.	Coding	
4.	Implementation	
5.	Testing	

CERTIFICATE

This is to certify that the thesis report entitled **"ATTENDENCE MANAGEMENT SYSTEM "**

being submitted to **Shivalik College of Engineering, Dehradun** for the degree of **BACHELOR OF**

TECHNOLOGY in **COMPUTER SCIENCE ENGINEERING** is a record of the bonafide work carried out

by **KUNDAN KUMAR ,YASHRAJ YADAV , YASHWANT YADAV , SUDHANSHU SINGH , PRINCE RAJ**

under our guidance and supervision.

(Mr.Pradeep Chauhan)

Assistant Professor

Department of Computer Science Engg

SCE, Dehradun

Place:

Date:

DECLARATION

We hereby declare that the work presented in the thesis **"ATTENDENCE MANAGEMENT SYSTEM"** in the fulfillment of the requirement for the award of the degree of B.Tech submitted to the Department of Computer Science Engineering is an authentic record of our work carried out under the supervision of Mr.Pradeep Chauhan, Assistant Professor, Department of Computer Science Engineering Shivalik College Of Engineering, Dehradun.

The contents of this thesis have not been submitted by us for the award of any other degree.

(Kundan kumar)

(Yashraj yadav)

(Yashwant yadav)

(Sudhanshu singh)

(prince raj)

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(Kundan kumar)

(Yashraj yadav)

(Yashwant yadav)

(Sudhanshu singh)

(prince raj)