

# Employee Monitoring and Tracking System

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**Abstract** – Every organization has different employee management needs to manage this employee means to map there work and provide services to the employee therefore, we design Employee Monitoring and Tracking System This system is a web Application where the user will be using the application will work with web application. This application is made for field work Employers. When the Admin will login to the system with user id and password .Admin can assign task to the worker as well as project manager and workers. Here using this web application worker or manager can see the assign task also they shows the status of complete work.it will helpful for tacking and monitoring of system. This Application is useful in Many Sector like Real Estate, Company's, and Hospital etc. Employee monitoring and tracking system gives a device to track their employee and supervisor can be able to track the locations of their employee.

**Key Words:** Organization, Employee, Monitoring, Tracking, Admin,

## 1. INTRODUCTION

Managing human resources in today's environment is becoming more and more complex as well as important in any organization. This is evident in procedures such as leave management where an employee is required to fill in form which may take several weeks or months to be approved. The use of paper work in handling some of these processes could leads to human error, papers may end up in the wrong hands and not forgetting the fact that this is more time consuming. A number of current systems lack employee self-service meaning employees are not able to access and manage their personal information directly without having to go through their HR of departments or their managers or organizations heads. Another challenge is that multi-national companies will have all the employee information stored at the headquarters of the company making it difficult to access the employee information when needed at short notice or time. The aforementioned problems can be tackled by designing and implementing a web based application for HR management system. This system will maintain employee information in a database by fully privacy and authority access and with security. The project aim is to setting up employee information system about the status of the employees, the educational background and the work experience in order to help monitor the

performance and achievements of the employee through password protected system.

### 1.1 Data Mining

Data mining can be defined as discovering patterns in large data sets involving methods at the intersection of machine learning, statistics, and database systems It is the computational procedure of finding examples in information sets including techniques at crossing point of counterfeit consciousness, machine learning, measurements, and database frameworks. The general objective of the data mining procedure is to concentrate over data from an information set and change it into a reasonable structure for particular utilization. At the side the examination step, it includes database and data administration angles, information before processing, model and derivation contemplations, and fascinating measurements, many sided quality contemplations, after preparing of found structures, representation, and internet redesigning. Data mining is the examination venture of the "learning revelation in databases" process.

### 1.2 Techniques used in Data Mining

In expansive scale data innovation has been advancing separate exchange and scientific frameworks, data mining gives connection between the two. Data mining programming breaks down connections and examples in put away exchange of information taking into account open-finished client queries. A few sort of logical programs are accessible: factual, machine learning, and neural systems. For the most part, any of four sort of connection are look for:

1. Classes: Put information is utilized to find data in foreordained gatherings. For instance, early networks could be mine client buy information to decide when clients visit and what they are normally arrange. This information could be utilized to build movement by having day by day.

2. Clusters: Information things are gathered by connections or customer inclinations. For instance, data can be mined to recognize market fragments or shopper affinities.

3. Associations: Data can be mined to distinguish affiliations. The lager diaper case is a case of affiliated mining.

4. Sequential patterns: Information is mined to conduct examples and patterns. For instance, an open air gear retailer could see the probability of a knapsack being obtained taking into account a customer's buy of resting packs and trekking shoes.

## 2. EXISTING SYSTEM

Different peoples have different personalities and work ethics .So in order to manage their work efficiently and ethically, there has to be system in place to allocate tasks to different workers or employees. Currently manual system will provide most of the requirements for this management. Although noble the manager has little it control over business. In manual system data is stored in a cabinet or headquarters. Files are thus often misplaced or lost. And at times is difficult to find required files. Records for stocks are also not always filed correctly and thus information is not centralized and not easily accessible in short time period.

## 3. PROPOSED SYSTEM

1. Introduction In this world of growing technologies everything has been computerized. Large number of work the Human workforce has increased. Thus there is a need of system which can handle the data of such as large number of Employees. This project simplifies the task of maintaining records employee and organization because of its user friendly nature. The objective of this project is to provide approach towards the management of employee information.

The objectives of this system include:

- Design of web based application HR management system to fulfill requirements such as project management, leave management, report generation to assist in performance appraisal, ESS and employee trainings.
- Well-designed database to store employee information.
- A user friendly GUI the user to interact with the system.

Modules specification:-

1. Account and administration
2. Human Resource Information
3. Project Leader
4. Client Management
5. Project Management
6. Attendance
7. Employee Login

## 4. SYSTEM AECHITECTURE



Fig -1: Architecture Diagram of Proposed System

## 5. FUTURE SCOPE

1. Representative and Manager Communication can done
2. Site blocking should likewise be possible
3. Live Capturing of encompassing will screen the careful position of worker

## 6. CONCLUSION

In this paper, we have actualized the new ERA employee monitoring system and system elements to meet the pre requirements. Utilizing this system it is feasible for the supervisor to track a employee in the association and it is additionally workable for the supervisor to know all the approaching calls, cordial calls and messages sent by obscure individual to the employee. Utilizing telephone manager technique, the proposed new ERA employee tracking system can adjust to different functionality of employee by changing system.

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