iJRASET
International Journal For Research in Applied Science and Engineering Technology



INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Volume: 10 **Issue:** V **Month of publication:** May 2022

DOI: https://doi.org/10.22214/ijraset.2022.42015

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International Journal for Research in Applied Science & Engineering Technology (IJRASET)
ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538
Volume 10 Issue V May 2022- Available at www.ijraset.com

Analysis, Performance Monitoring and Tracking System for Employees

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Abstract: ***Every organization, whether big or small, has human resource challenges to overcome. Every organization has different employee management needs; therefore we design exclusive employee management systems that are adapted to the managerial requirements. This is designed to assist in strategic planning, and will help to ensure that the organization is equipped with the right level of human resources for the future goals. Also, for the busy executive who are always on the go, our systems come with remote access features, which will allow you to manage your work force anytime, at all times. These systems will ultimately allow you to better manage resources.***

One of the main features in this system is performance tracking and analysis, sales verification for employees. Effective time tracking mechanism saves both time and money for the organization.

The purpose of the Analysis, Performance Monitoring and Tracking System for employee is to automate the existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

Analysis, Performance Monitoring and Tracking System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources. The organization can maintain computerized records.

Keywords: Information system, Database system, DBMS, employee table, table fields, primary key, foreign key, relationship, sql queries, controls.

I. INTRODUCTION

In this world of growing technologies everything has been computerized. With large number of work opportunities the Human workforce has increased. Managing human resources in today's dynamic environment is becoming more and more complex as well as important.It is an aspect widely practiced in all work places.

Every organization keeps a record of their staff. Staff records play a crucial role in staff management. Every organization requires this record to calculate pay, manage workforce and see performance of employees. Most of the contemporary information systems based on manual work collection of various files. Thus there is a need of a system which can handle the data of such a large number of Employees. This project simplifies the task of maintaining records because of its user friendly nature.

Management of all these records is a challenging task and time consuming process for the Company, which can be reduced by using the Employee Management System, Human resources are an important part of any organisation and responsible for the success of an organisation.

Organisations invest highly on the management of employees; It is also an informatics system that is useful in saving time, power of manager and organization.

All organisations both private and public can use this system, this system developed such that it can be used by small organisations also. It's cheaper than other systems and helps small scale industries to manage their employees.

The objective of this project is to provide a comprehensive approach towards the management of employee work. The objectives of this system include:

1) Design of a web based system to fulfil requirements such as work analysis, report generation to assist in performance appraisal, sales verification.
2) Well-designed database to store employee information. A user friendly front-end for the user to interact with the system.

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II. SYSTEM DESIGN

The proposed system could be implemented using website. To develop this website we required php, html,css and bootstrap,etc languages.

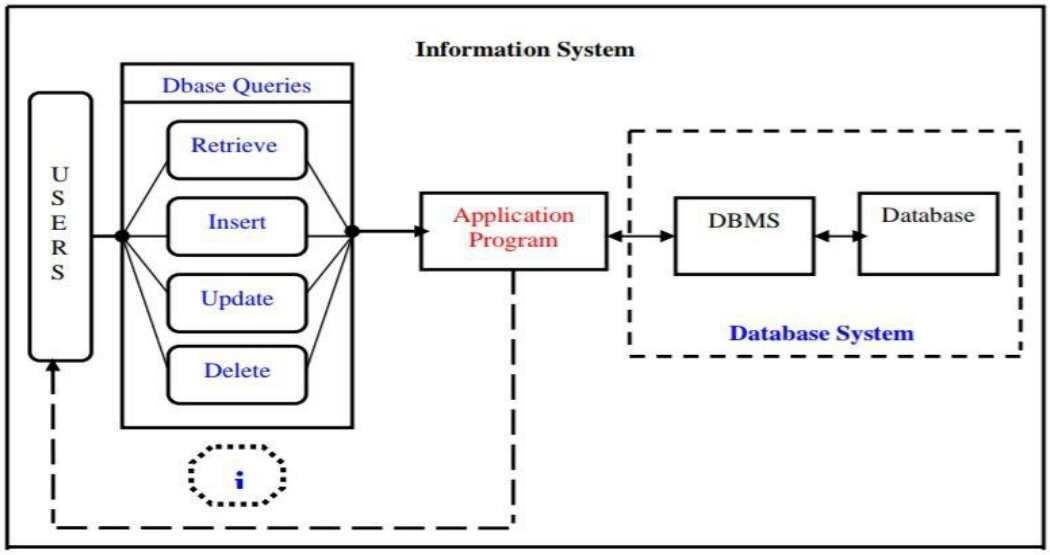


Fig.I Database information system

Fig I shows database information system where user (employee) can insert, update, and delete the data with the help of our website.

III. WORKING

Analysis, Performance monitoring and tracking system is a web-based application. Through this the organization will be able to monitor, track and analysis the performance of employees.

First of all the admin should login the website by using login credentials. He will able to see the dashboard where all the information about the employee will available. He have to add the executive (employee) and create its login credentials. If the area is not assigned by admin for executive he will not able to add the dealer. The sale report, executive (employee) work will be available .To conform the information provided by employee is correct or not the admin can whatsapp the dealer provided by whatsapp logo.

Executive should login the system using the phone number and password provided by admin. The executive can add today's sale done to the dealer. Executive will able to see the area assign by admin as well as today's sale done by him. He can update his information.

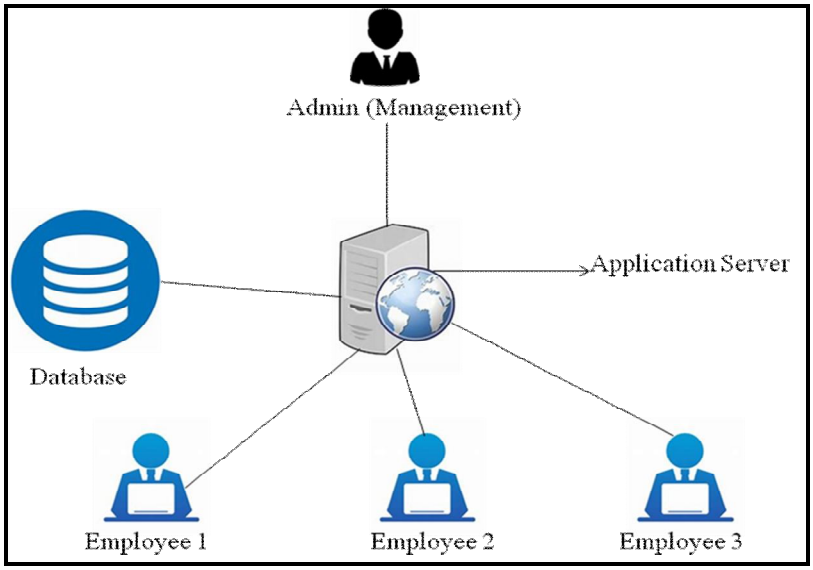


Fig.II System Design

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IV. DATA FLOW DIAGRAM

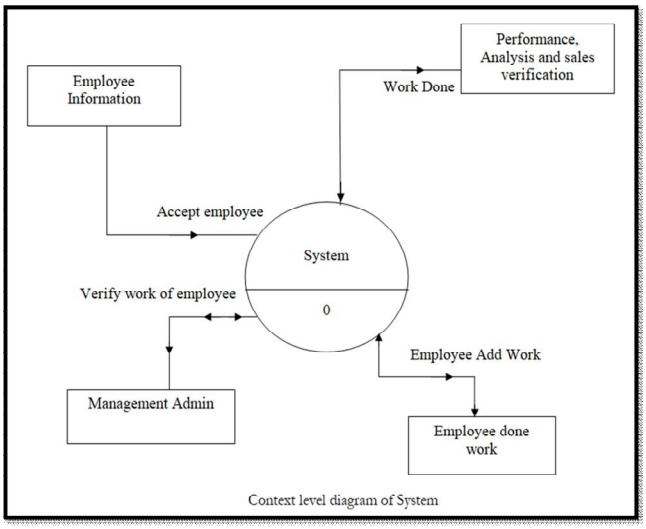


Fig. III DFD

V. CONCLUSIONS

This system will help the organizations to develop their system and will help in managing employees. In an organization to simplify the process of record maintenance it is very helpful. This concept will bring transparency in the sales analysis. It will also make the Manager's work easy so they can focus on some other work. This system manages the overall performance and different aspects of an employee in an organization.

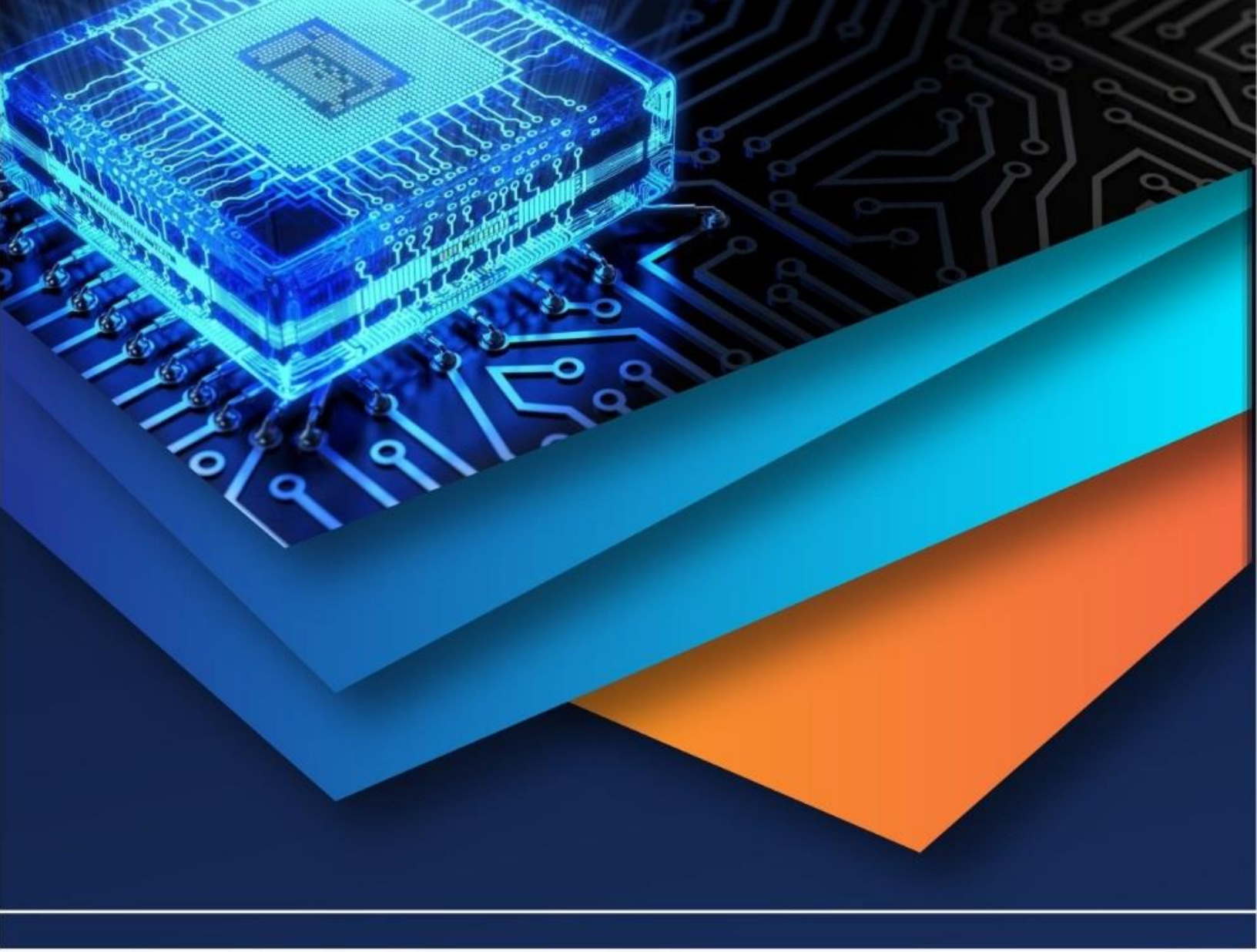
VI. ACKNOWLEDGMENT

We would like to show our sincere gratitude towards Prof.A.D.Talole, Department of Computer Technology, K. K. Wagh Polytechnic, Nashik for his valuable guidance throughout study of review papers and to keep us motivated. We are also thankful to HOD Prof.G.B.Katkade, Department of Computer Technology, K. K. Wagh Polytechnic, Nashik for their great support.

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