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SMART MANAGEMENT USING AUTHENTICATION AND AUTHORIZATION

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ABSTRACT: In today's industrial management system there are many problems that can be faced. The problem can be such as cost management, time management, resources management tracking etc. In this system, overcome the drawback of recently mentioned. Using this smart manager system, overcome the risk for tracking the employee's location where they are which location. It also reduces the cost of industrial project and deadline of project. They help in the employee's fast working process and generate a dynamic report to show salary. In today's days, we introduced the topic for Smart Manager System. The smart manager is also known as Monitor Informational data. & operational Data. The Smart Manager System is used in defence, military, software & hardware companies (private and public sector).

We have overcome many drawbacks of industry software and hardware problems also reduced the time complexity & cost.

KEYWORD: Authentication, Verification, Security

I. INTRODUCTION

As we improve the techniques of smart manager system using new ideas to overcome the drawback. They are decided effective communication between such as Admin, Manager, Employee's suppose that if employee travel for related to company work then he is

mark the attendance for any company location. The cluster manages the system over the cloud database. They are assign task for using distributed system to each and every employee's so it good relationship between higher authority of lower authority. They are overcome the main this is time management and cost management. They are need to large amount of database to store the summarized data for company portal, Admin portal, Manager portal and employee's portal. It provided more security for user data and provided the authentication of whose user is log in currently and which is log out.

II. LITERATURE REVIEW

We are inspired the idea or requirement of the industry. We are study two paper and websites. The paper name such as student attendance system and security, privacy and identification personal data system.

We are also overcome the disadvantages of fixed data can not modified and carry forward year by year. Second disadvantages they are more restriction to access the data.

III. WORKING

The smart manager system are divided different portal such as Company portal, Admin Portal, Manager portal, Employee Portal etc. It is creating different account for the admin, manager and employee. They are access the data authority wise. The operation data are used company employee to work it. The informational



data are used manager and admin. There are no conflict occur in data.

The employee travels any company area to easily track it. They are also used second modules i.e online attendance system to manager user application and attendance. It can stored the data for the database. It is dynamic report can be generated related to salary.

The smart manager system work only industrial application related staff, employee and manager. There are two type data used operational and informational. The informational data used for higher authority person and operational data are used for lower authority and used business intelligence techniques.

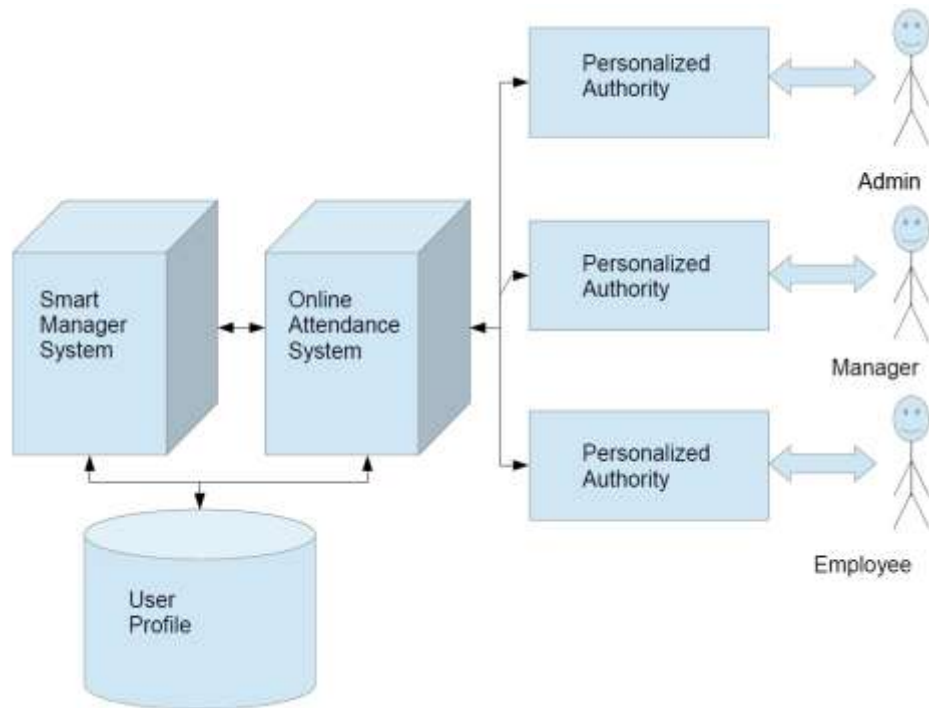


Figure 1: System Architecture

IV. APPLICATION

- Manage multiple portal data.
- It securely accessible in private and public sectors.
- Optimize resources.
- It is used software and hardware industry.

V. COMPARISON

This link takes to a reliable webpage source that shows the nissan's alcohol detecting system in a vehicle. It also stated that this company is still in it's testing phase and that it has only one sensor and that is the alcohol sensor.

But in our implemented system we have three sensors named alcohol sensor, smoke sensor and a rpm counter to sense the speed of the vehicle.

This smart cabinet is a very inexpensive system which can be bought and used in even a low budget vehicle and it is very easy to install.

VI. MATHEMATICAL MODELLING

Let be a system containing function input and output

$$S = \{B, C, E, F, G\}$$

Where

B represents registration

B = B0, B

C shows function

C = C0, C1, C3, C.

E Shows Task

E = E0, E.



F Shows Attendance

F= F0, F.

S0 = input function registration

S1 = check the output /input

S2 = message

S3 = Report creation

S4 = intime message/outtime message.

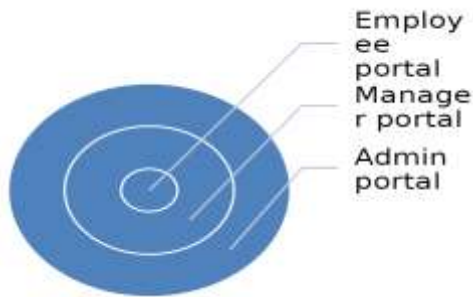


Figure 2: Venn Diagram

VII. CONCLUSION

In this paper we are used cryptography algorithm to provide the identification and authority for the person. They are also decided good communication and management for the different portal user we are also gathering the information for different management system.

VIII. ACKNOWLEDGMENT

We were taken help of Prof. Prashant Ahire Sir. They gave many important suggestion which helps to developed interactive and efficient system. We also thankful to HOH Tech Lab for giving opportunity to implement the system on their ideas.

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