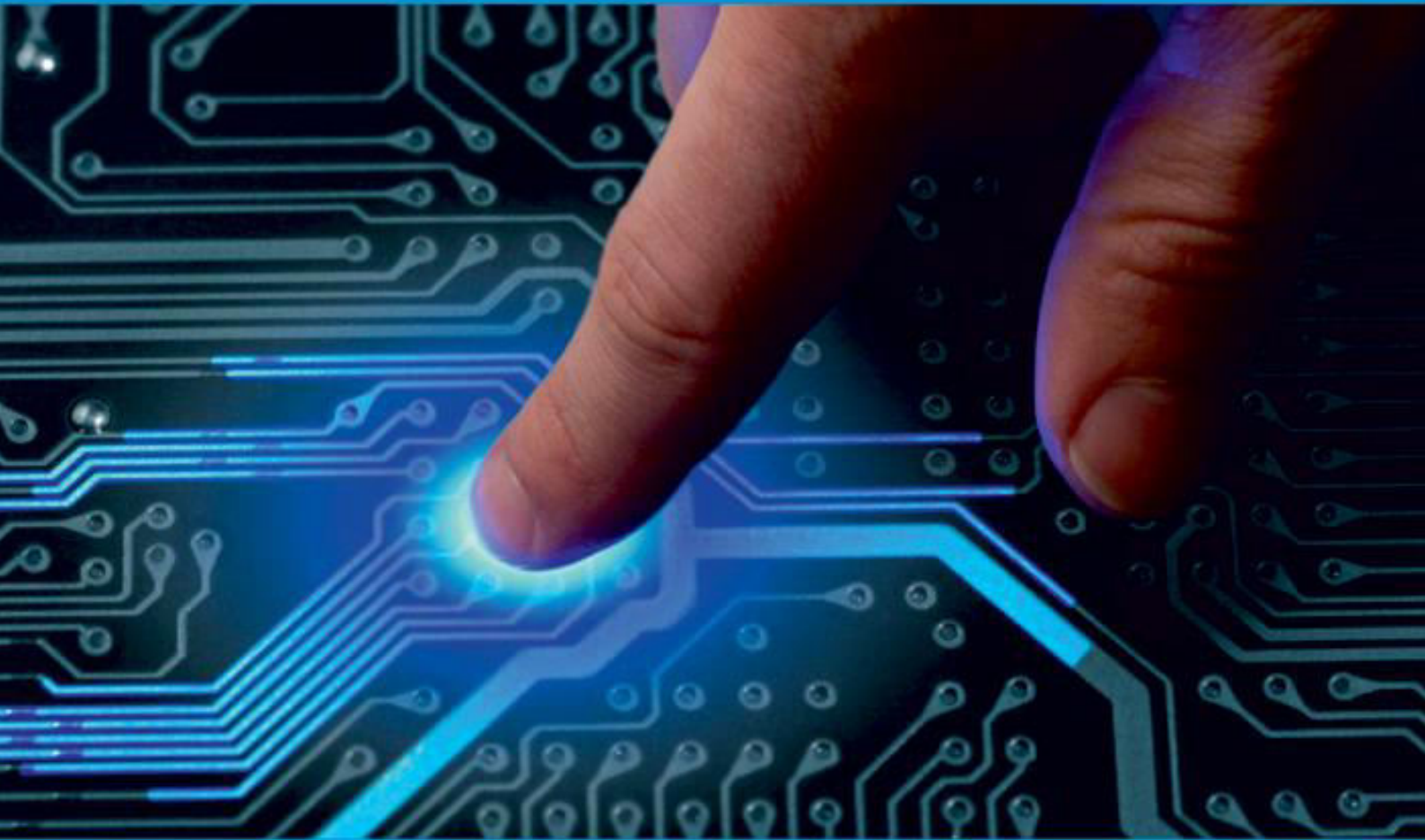




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Visitor Counter using PHP

Mr.Deep N. Palav¹, Mr. Adesh A. Pendurkar², Mr.Sanjay F. Gawade³,

Mr.Aryan P. Tawade⁴, Prof. Mr.S.M. Mayekar⁵.

Students, Department of Computer Engineering Yashwantrao Bhonsale Polytechnic, Sawantwadi,
Maharashtra, India¹²³⁴

Faculty, Department of Computer Engineering Yashwantrao Bhonsale Polytechnic, Sawantwadi,
Maharashtra, India⁵

Abstract--The Visitor Management System is a kind of special technology which tracks the visitors that enter your working place. Let us tell you that these visitors could be anyone like a contractor, interviewee, consultant, client, or anyone. Hence, it can be said that a visitor is the one who is not a full-time employee. With the help of this system, you will be able to monitor all the people who are entering your building or office. Visitor Management System allows you to maintain the record of the visitor in order to save time. It has amazing features like one-click digital records, visitor registration, check-in, and checks out. And now Register-based entries are not only inefficient, but they're also vulnerable and there are chances that can be easily stolen or copied. Visitor Management System in PHP and Mysql is an utility to maintain a bulky and a very-hard-to-maintain record books for all the visitors that visit the college for their various reasons. Visitor Management System in PHP and Mysql has sections where you can Add Visitor, View Data and a Logged out Visitor page that shows Logged out visitor data for the present day. The Visitor Management system is very helpful, as it helps reduce the work of guards or gate keepers of any office, school, college, residential buildings, etc. This system reduces the paper work which saves the papers. It also helps to maintain all the records as maintain and updating the records on paper is a bit of difficult these days. It helps the record keepers to easily maintain the records and they can update them in few simple steps. It helps to save the time of the record keeper as everything is available digitally.

I. INTRODUCTION

The term "visitor management system" refers to a system that keeps track of visitors' actions in an organization or public institution. It can quickly offer users with the required output and information, as well as track arriving and outgoing visitors. The system is the most frequent kind of impression management in business. The initial impression presented to various levels of organization visitors is the policies and procedures that are adopted towards workplace visitors in the organization, and numerous measures are in place to guarantee proper safety and security surrounding the visitor office. Visitor management system, typically refer as a structure to keep tracking visitor's activities in organisation or any building. It can provide necessary output and information to the users and record the incoming and outgoing visitors within the shortest time. Nevertheless, Visitor Management System also capable to streamline the registration process and provide an authentic and integrated data of the visitors. Generally, there are many organisation or school or colleges are still using the conventional paper log or guest book to record the access of the visitors. This manual method consumes longer time when the number of visitors is exceeded the limit. Meanwhile, an increasing number of visitors indicates that the security issues should be concern in the organisation or college. This is mainly because the operators are lack of time to verify the identification of each visitor when they are tons of guest entering the building. Moreover, paper log is inadequate to offer greater traceability in which cannot be archived or efficiently retrieved after several years. Due to above circumstances, Visitor Management System contribute a good solution to solve the problems exist in the conventional method. A Visitor Management System to enter the building is an easy way to identify and record the visitor's personal information. This system also helps the security officer to determine whether the visitors are given the right to enter the building. A Visitor Management System is designed and developed to assure the simplification of enrollment process before entering the premises.

II. PROBLEM IDENTIFICATION

Nowadays many Companies or Industries have their own system for entering or to store visitors data. Most common method followed which is entering visitors data in logbook. This method had some weakness such as there is a possibility of misplacement of visitor logbook so it is time consuming. It is difficult to store visitors data with conventional way where record entry and retrieving data still done manually for store visitors data, Therefore this situation have solution like to develop an Visitor Management System to capture visitors data. Visitor Management System provides a better and secure way to store visitors data. This system is a way to control record and track of visitors traffic. This software is complete for visitors management which reduce the work of write data on logbook. The main aim of this system is to computerized the tradition way of visitors

III. ADVANTAGES OF VISITOR MANAGEMENT SYSTEM

As the advantages of switching to digitalization, it is the right time for colleges and other organizations to implement the digital visitor management system to manage the visitors.

- It helps to reduce paperwork.

As data is stored digitally there is no need of using papers. Using digital way of managing the visitors record, this system will replace the old paper based way of storing records

- It helps to maintain visitor records easily.

The records are stored in the database and can be easily accessed with few clicks.

- Provides a user friendly interface which is easy to understand.

The system has a user friendly interface. There are no complex or congested UI elements. The UI can be easily understood and used by the user with ease.

- Uses simple design so that anyone can use it without proper technology knowledge.

The user don't have to be a expert in technology. Users with minimum knowledge of technology can also use the system easily.

- Gate keepers don't have to worry about loss of records.

As there is risk of books or records getting lost, the digital system is safe and is stored in a database and can be accessed anytime easily.

- The data is stored safely without the fear of getting lost or stolen.

As the data is stored securely, there is no threat of data getting stolen or lost

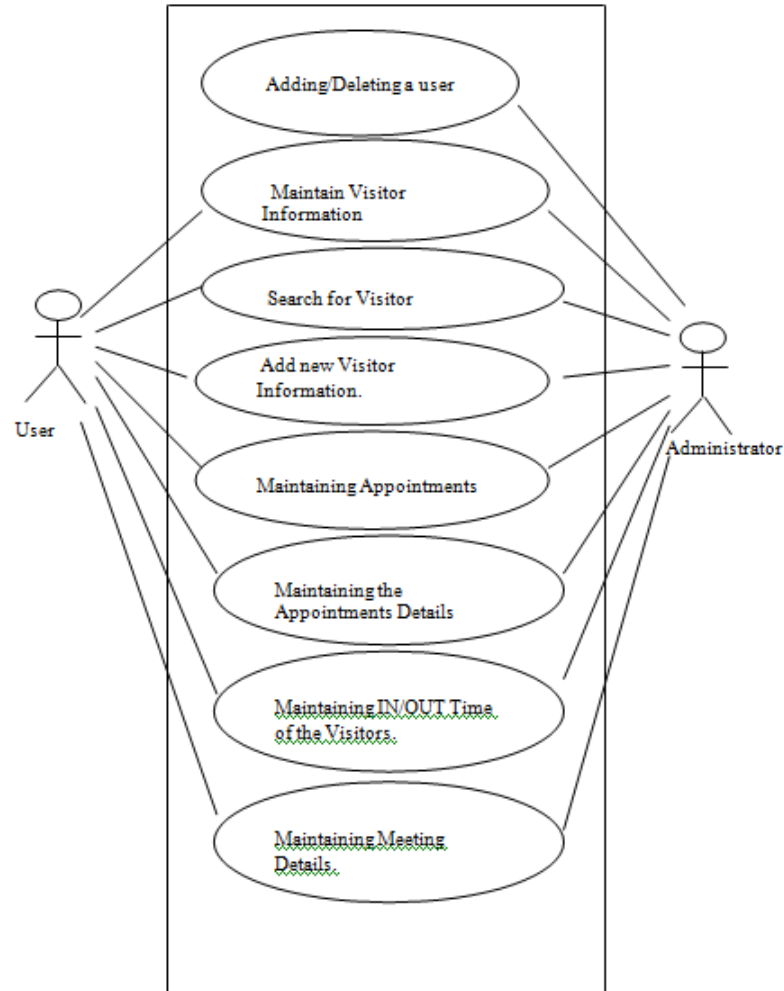
- Each Visitor entry is provided with a unique ID.

Every time a visitor is registered in the system, the visitor is provided with a unique id which can be used to view the details of the visitor.

- The unique ID is helpful for check-in and check-out of the visitors.

The admin can easily check in and check out the visitor using the unique ID provided.

IV. DFD DIAGRAM



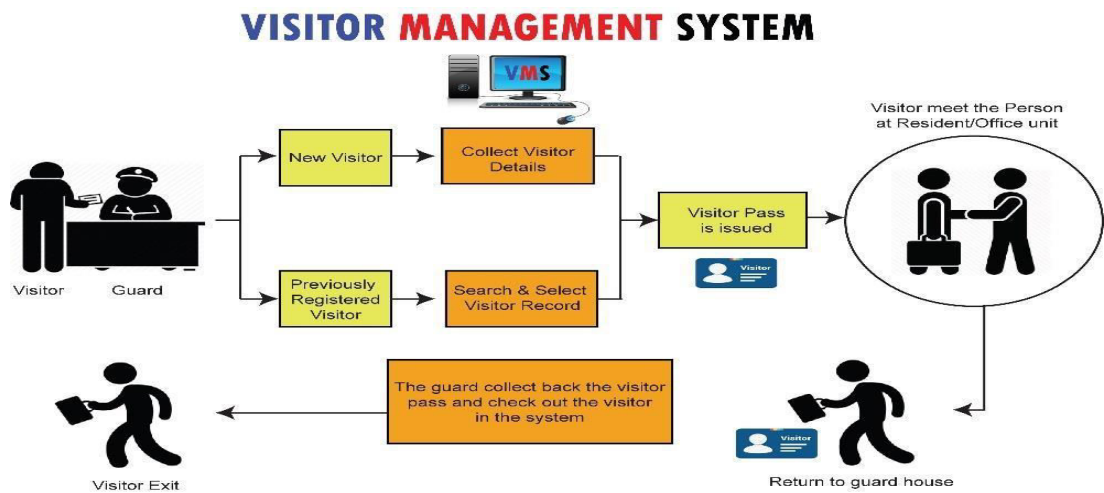
V. RESEARCH OBJECTIVES

1. Keeping track of visitors' arrival, presence, and departure on the premises and taking appropriate action.
2. To Improving the health and safety of employees in the workplace.
3. To make it easier for diverse types of visitors to enter at a high level of hospitality.
4. Individualize the visitor's treatment based on their level of access.
5. To improve visitor guidance and orientation so that they can securely arrive at their destination.
6. To promoting the use of touchless access solutions.
7. To ensure that people and surfaces come into contact as little as possible.
8. To be prepared in the future for unforeseeable circumstances.

VI. FRAMEWORK OF SYSTEM

The users here include:

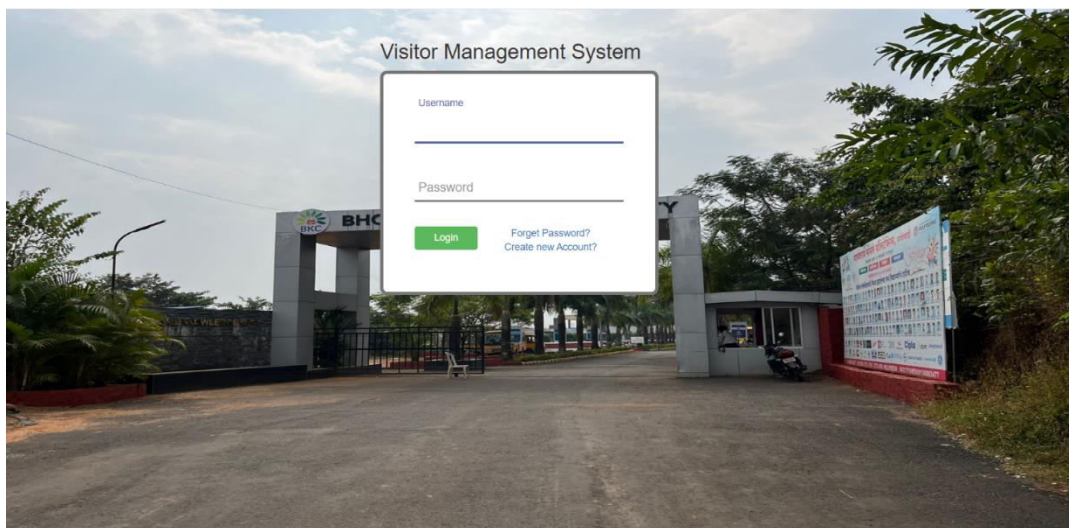
- Administrators of the system who can log in and modify the information of Visitors.
- A system that will record entry and exit of every visitor:
- A user friendly interface
- A database: to store all the information



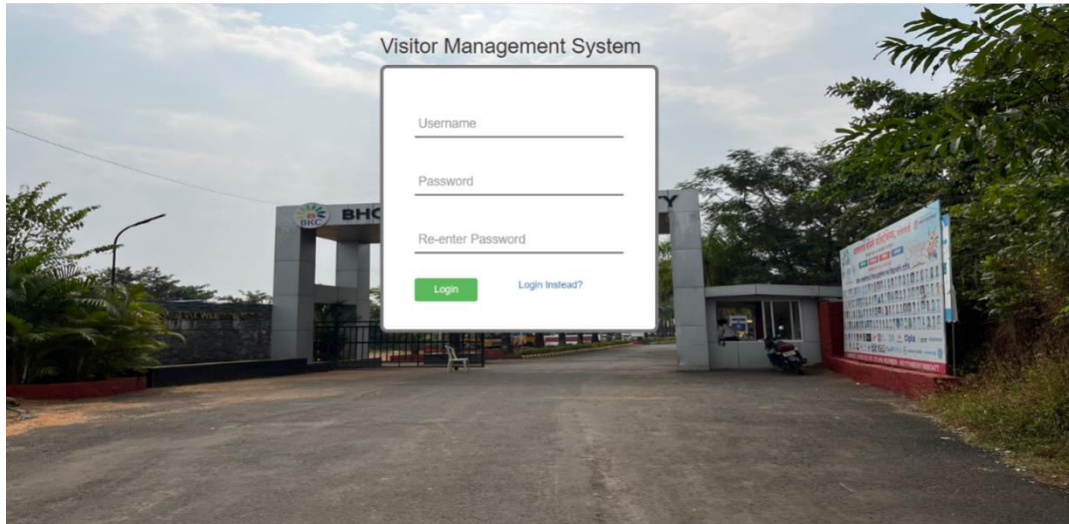
VII. GUI OF SYSTEM

Car Accessories Management System is a window based application designed to run on desktop. The application is designed in such a way even non-technical skills people also can use it by simplifying the function in the application. The admin login will differentiate the functions enable in using the application. Once login success, the users are will be directed to content menu interface.

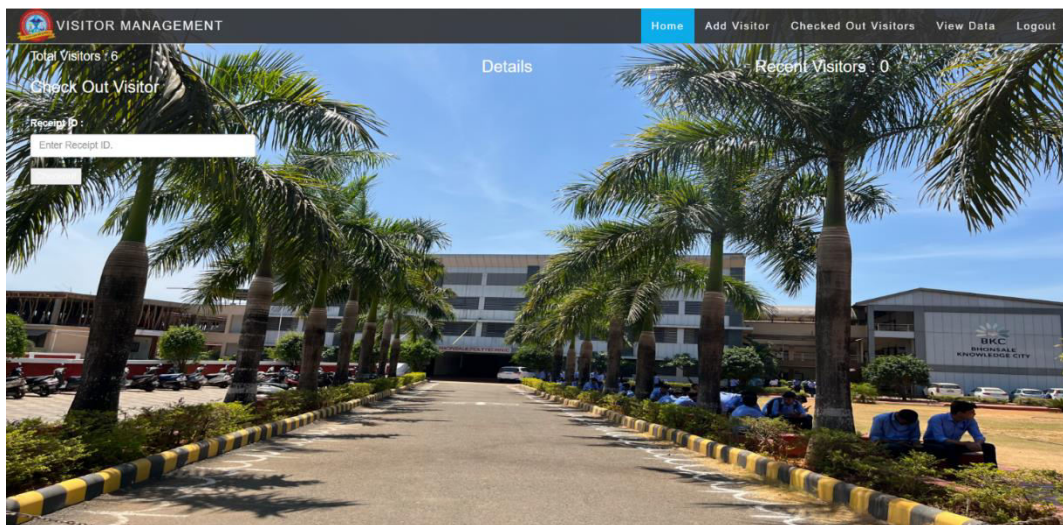
Login Module



Create Admin Module



Homepage Module





Add Visitor Module

Logged in as : deep Home **Add Visitor** Checked Out Visitors View Data Logout

Time : 09:20:18 PM
Date : 4/6/2023

Add Visitor

Name :

Contact No. :

Purpose :

Meeting to :

Comment :

Visitor Data Module

Logged in as : deep Home Add Visitor Checked Out Visitors **View Data** Logout

Search By

View All Entries :

View all Active Visitors :

Search By Date :

dd-mm-yyyy
dd-mm-yyyy

Information of all visitors :

adesh	deep	aryan tawade	naru	sanjay	sanjay
Receipt ID : 700	Receipt ID : 701	Receipt ID : 702	Receipt ID : 703	Receipt ID : 704	Receipt ID : 705
Contact : 1234567890	Contact : 9868523502	Contact : 1234567890	Contact : 2222222222	Contact : 9686523562	Contact : 8308736404
Time In : 10:57:59	Time In : 10:13:52	Time In : 10:22:00	Time In : 10:58:20	Time In : 14:39:13	Time In : 13:35:10
Time Out : 10:58:22	Time Out : 10:15:03	Time Out : 10:22:28	Time Out : 14:37:42	Time Out : 14:39:31	Time Out : 13:35:39
Date : 2023-03-22	Date : 2023-03-23	Date : 2023-03-23	Date : 2023-03-23	Date : 2023-03-23	Date : 2023-03-24
Meeting : sir	Meeting : madam	Meeting : principal	Meeting : h	Meeting : madam	Meeting : sir

Kunal

Receipt ID : 706

Contact : 8983928322

Time In : 21:21:35

Time Out : 21:22:34

Date : 2023-04-06

Meeting : Sir

VIII. CONCLUSION

The Visitor Management System does the work of maintaining and updating the visitor records easily and efficiently. This means that the admin will be able to easily create, update, and delete the records. The system provides a user friendly interface where even admins with less technology knowledge can use it for carrying the record keeping work easily. This System accurately maintains the records of all the visitors. There is no jumbling or confusion of any records as it provides a unique ID for every visitor. The records are stored safely in a database and can be accessed easily with few clicks. The admin also has the facility of generating a report of a visitor based on the related data. So overall this system is developed for reducing the paperwork and make the record keeping work more easy and safe. The system will provide an admin panel where the admin can view all the visitor’s details briefly. The visitor section will provide the admin the facilities to add visitors and also manage their records using this panel. The admin will also be able to search a visitor using the unique ID provided by the system to that visitor. The admin can also generate reports of the visitors. This System will provide a user friendly and easy to use interface so that anyone can use it easily without any deep knowledge about technology



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