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Visitor Management System

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Abstract — The aim is to handle a record visitor and generate report of visitors daily and monthly, add visitors, view visitors record, maintain visitors Record provided by this software. Maintaining records may result into a very hectic system of inserting data. This system allows user to store report in the form of soft copy. The existing system is in that museum is manual working. Using this many problems can occur all work as manually. For keeping all records of all visitors and administrators. It was very time consuming, for an Administrator so it requires more than power and its leads to wastage of time. This system can maintain the database of all the Visitors visiting details and Administrator record. Reports will be generated from the database within a short period and in formatted manner. Also, various types of statistic reports will also be displayed. This system also provides visitors feedback, so it helps to improve current system.

I. INTRODUCTION

“Visitor Management System” is a system for an administrator of museum for keep record of visitors visiting. We have developed mini application “Visitors Management System” as a project of TECOMP. We have developed this application by analyzing the requirement overcome the problem of existing system additional development is Report Generation. The administrator has helps to sort out their requirements. Proposed application is helpful for storing date, storing visitor’s information, daily and monthly meeting report, visitor’s suggestion etc. user can get desired reports quickly and easily. The system is designed using “JAVA” as frontend and “MYSQL” as backend tools. In this project we used the java concepts like JAVA SWING, Multithreading.

II. LITERATURE SURVEY

1. Domain Research

Organizations need to take care of security measures concerning visitors management and tracking. Corporate offices will get too many number of visitors every day for many reasons such as interviews, parcel deliveries. By introducing a visitor management system that allows organizations to track visitors on daily basis by introducing procedures such as ID registration, visitor approvals, process management, pass or badge and record keeping.

2. History

Since September 11, 2001, many companies and government agencies enhanced building security by including access control and documenting visitors. The most defining event illustrating the need to enhance school security worldwide occurred in Beslan, Russia on September 1, 2004. A group of mostly Chechen terrorists took over a school and held more than 1,100 hostages for three days until Russian security forces stormed the building. A severe firefight ensued and ultimately over 350 people died, including 184 children. Shortly afterwards, Deputy Secretary of Education Eugene W. Hickok issued a policy letter to all U.S. schools listing “a closed campus approach to limit visitors” as one effective measure of enhancing school security. Since then, several new computerized visitor management systems have been introduced to meet this need (Hagan, 2012).

3. Computer Visitor Management

In addition to physical barriers limiting school access to one point, schools have discovered the need to improve their process for recording who is entering and exiting the facility. The basic clipboard method is limiting because it is slow and provides little information other than name and time. Several computer based systems are available that provide a wealth of information to enhance both security and front office efficiency. Many systems have a kiosk type environment where a visitor essentially checks himself in much like the clipboard method, but the system has the ability to record much more information quickly. This additional information can include a photo of the visitor, the reason he is there, to what location he is going, a time stamp, and more (Hagan, 2012).

4. Technical Research

Technical research involves study on similar system to know the functionality features of the existing system, this is to find the flaws in the existing systems and to take note and suggest good features.

5. Similar Systems

Visitor Management Software is working system that allow the visitor to call the inmates from the gate requires someone to answer from inside the house. Visitor Management Software is the outcome of motivation that has come out of the drawbacks or loopholes of the present system of working. Visitor management system (VMS) is developed using the trends in information technology which provides a feature to capture visitor information by using identification proof of the visitor and save them to a database that is centralized (Spectra, 2015)

III. PROBLEM STATEMENT

The Project Visitors Management System “is based on the concept of JAVA and DBMS. “A database which store data in the form of tables which has related with each other in as particular manner”.

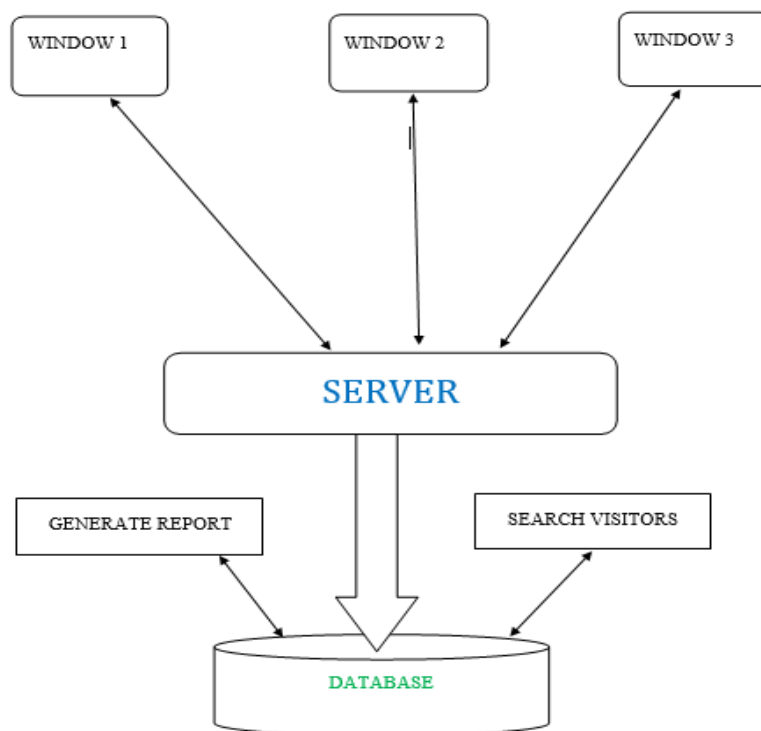
IV. OBJECTIVE OF PROPOSED SYSTEM

This system can maintain the database of all the visitor’s details, and generate report daily and monthly. Reports will be generated from the database within a short period and in formatted manner

V. SCOPE OF THE PROPOSED SYSTEM

This system is about day to day working and overall management of a home décor. The system scope includes visitors register all information itself then this information sends to administrator. After that an administrator keep information of all visitor’s date wise and keep a record for report generation to the higher authority.

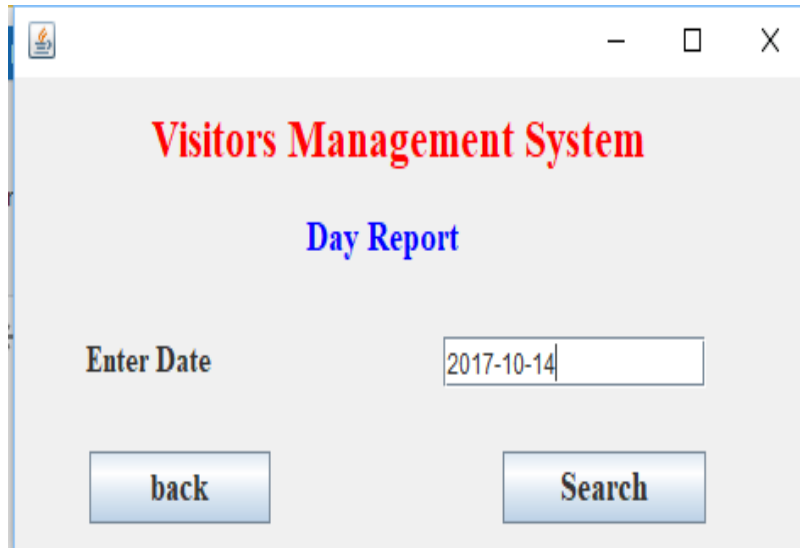
VI. SYSTEM ARCHITECHTURE



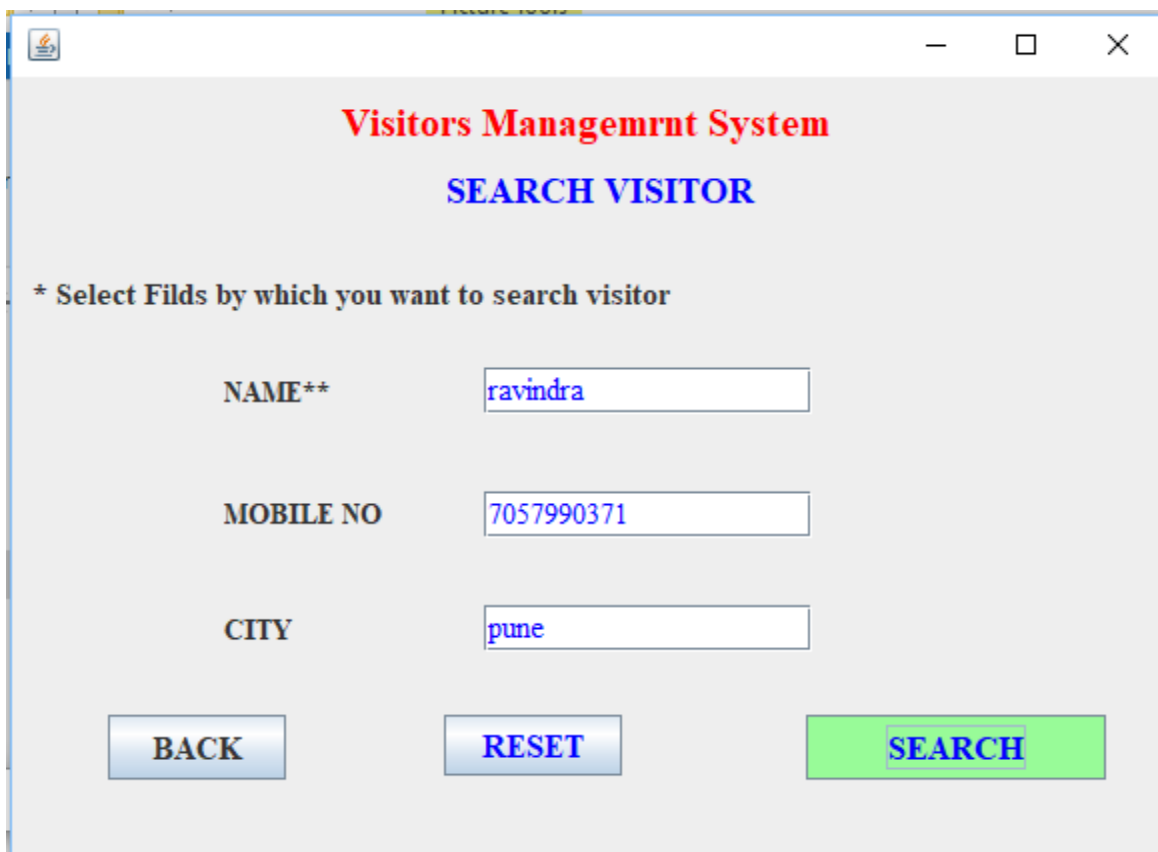
Advantages:

- Registering Visitors
- An Industrial Area for entry of Employees
- For Data Entry Employees
- Effective Management of data

VII. OUTPUT SCREENSHOTS



The screenshot shows a window titled "Visitors Management System" with a subtitle "Day Report". It features a text input field labeled "Enter Date" containing the date "2017-10-14". Below the input field are two buttons: "back" and "Search".



The screenshot shows a window titled "Visitors Management System" with a subtitle "SEARCH VISITOR". It includes a prompt: "* Select Filds by which you want to search visitor". Below this, there are three text input fields: "NAME**" with the value "ravindra", "MOBILE NO" with the value "7057990371", and "CITY" with the value "pune". At the bottom, there are three buttons: "BACK", "RESET", and "SEARCH".

name	field	mail	date1	time	city	mob_no	age	charge
kk	ravi123	aaaaaaaaa	Oct 4, 2017	2:46:47	ravi	1111111111	10	30
ravi	ravi123	ffffff	Oct 4, 2017	8:44:4	puna	1111111111	15	50
kundan	ravi123	rrrrrrrr	Oct 4, 2017	9:30:39	pune	1236547890	10	30
ravindra	ravi123	hhhhhhhh	Oct 5, 2017	9:29:1	punr	123	25	50
raavo	ravi123	qwer	Oct 5, 2017	9:33:52	pune	123	45	50
ravi	ravi123	qwer	Oct 5, 2017	9:34:49	pune	123	10	30
racsg	ravi123	poiu	Oct 5, 2017	9:36:26	ncnshc	44444444	456987	50
ravi	ravi123	eacvinhy	Oct 5, 2017	9:48:7	punr	124578	10	30
ravindra	ravi123	sydsssjgss	Oct 5, 2017	2:55:59	punr	123654789	50	50
kundan	ravi123	ssssssss	Oct 5, 2017	2:56:16	akurdi	987456321	9	30
vaibhav	ravi123	cftgvbhu	Oct 5, 2017	10:40:30	akurdi	8956237410	24	50
kamalesh	ravi123	kvjddjbkb	Oct 5, 2017	11:51:59	akurdi	1245789630	20	50
ravindra	ravi123	ssxcxcscsc	Oct 6, 2017	11:4:53	puna	123654789	10	30
KUNDAN	ravi123	QQQQQQQQ...	Oct 6, 2017	8:50:19	PUNE	7896543210	12	30
ravindra	null	qwerty	Oct 6, 2017	10:17:38	jalgaon	7896321450	50	50
ovee	null	ovee	Oct 7, 2017	11:1:26	pune	7845129630	2	30
Geet	null	ravi	Oct 8, 2017	0:31:45	puna	123654789	6	30
ravindra	null	uhbnjiokm	Oct 11, 2017	9:0:30	aurangabad	123654789	50	50
ravindra balu...	null	qwertyu	Oct 11, 2017	9:4:36	jalgaon	7896321450	10	30
mayur	null	mayur@hjjk	Oct 11, 2017	9:6:15	mumbai	8956110076	25	50
ravindra	null	tyuiop	Oct 11, 2017	9:27:27	punt	1236547890	20	50
kundya	null	rachysddc	Oct 11, 2017	0:10:7	talgaon	4523197860	25	50
kiran	null	kirankale@g...	Oct 12, 2017	6:5:58	kolhapur	8698684494	95	50
pranil	null	ravindra	Oct 12, 2017	6:7:4	akurdi	7845129630	5	30
vaibhav	null	vaibhav@gm...	Oct 12, 2017	6:7:54	parbhani	9422529976	54	50
pranil	null	jiki@gmail.c...	Oct 12, 2017	6:9:12	yavtmal	4565448	56	50
nikhil	null	iklh@gmail.c...	Oct 12, 2017	6:10:4	ialgaon	74665654	84	50

Visitors Management System

Visitors Login Form

Visitor_Id: temp Date: 2017-10-14

Name: Kundan
mobile no***

Age: 20 Field: Reasercher

City: pune

Mobail No: 9132659874

E-mail: Kundan@gmail.com

Charge: Time: 11:51:44

Back Reset Submit

VIII. FUTURE SCOPE

1. We can use this application for other than museums “Visitors Management System “, such as visitors reporting at locations.
2. We can develop this project as online Visitors Management System.
3. We can use this project as basic model for various client server based system where multiple entries are entered at same time.
4. we can implement same project for wireless

IX. SUMMERY AND CONCLUSION

We have successfully implemented a mini project on “Visitors Management System”, in which we can fill and store the details of visitors. Also, we can store the details of monthly and daily visits. using the available data, we can generate th report. We created a user interface for interaction between the user and the admin.

REFERENCES

- [1] Ambler, S. W., 2000. *The Unified Process Inception Phase*. [Online] Available at: <http://www.ambysoft.com/books/inceptionPhase.html> [Accessed 28 7 2015].
- [2] Anwar, A., 2014. A Review of RUP (Rational Unified Process). *International Journal of Software Engineering (IJSE)*, 5(2), pp. 12-19.
- [3] Drumm, Andy, and Moore, A. (2005). *MANAGING VISITOR IMPACTS*. 1st ed. [ebook] pp.4-22. Available at: http://sanctuaries.noaa.gov/management/international/pdfs/day3_impacts_manual.pdf [Accessed 12 Jun. 2015].
- [4] Happy visitor, 2014. *HOW HAPPY VISITOR WORKS*. [Online] Available at: <http://happy-visitor.in/> [Accessed 7 7 2015].
- [5] Happy visitor, 2014. *NEED FOR HAPPY VISITOR*. [Online] Available at: <http://happy-visitor.in/> [Accessed 7 7 2015].
- [6] Jeffrey A. Hoffer, Mary Prescott, Heikki Topi, *Modern Database Management*, 9th ed, Prentice Hall, 2008
- [7] LobbyGuard , 2013. home. [Online] Available at: <http://lobbyguard.com/> [Accessed 7 7 2015].
- [8] Morrissey, P. (2015). The 5 Problems with Manual Visitor Management | Articles. [online] Magic-card.com.au. Available at: <http://www.magic-card.com.au/articles/the-5-problems-with-manual-visitor-management.html> [Accessed 12 Jun. 2015].
- [9] McArthur, S. (2000). Beyond carrying capacity: introducing a model to monitor and manage visitors activity in forests. In: Font, X. AND Tribe, J. (Editors). *Forest Tourism and Recreation: Case studies in environmental management*. Pp: 259-278. CABI Publishing, New York
- [10] Rational, 1998. *Rational Unified Process Best Practices for Software Development Teams*. Rational Unified Process: Best Practices for Software development Teams, p. 2. Rational, 2002. *Rational Unify Process (RUP)*, a Software Process Knowledge Base.. [Online] Available at: http://ref.web.cern.ch/ref/CERN/CNL/2002/001/SDT_RUP/ [Accessed 25 7 2015].
- [12] Rational , 1998. *Rational Unified Process*. Rational Unified Process: Best Practices for Software development Teams, p. 6