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Scheduled Screenshot Generator For Monitoring Security

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Abstract — The system aims at the user uses various activities at the labs in the college. Students can do anything on systems in colleges like using social media sites, watching movies, playing games, net surfing etc. So to avoid this things the “Scheduled Screenshot Generator and Terminator” can very useful in colleges labs. It mainly takes screenshots when user logged in to the labs PC for the official use. The system provides the information regarding the different users that are uses the Labs PC. Screenshots are generated in specific fix timing that we will given to that system. In Existing System there are different softwares for the tacking screenshots, terminator and keystrokes. In existing system we can take screenshots but administrator can't watch what user actually do in that PC.

Keywords-system, activities, screenshots, keystrokes, terminator.

I. INTRODUCTION

Taking screenshots is very important when it comes to making tutorials, sending technical PC problems, recording game scores, creating demos, jotting down important messages, taking down valuable info and many more. Also, there are some websites in which saving parts or images associated with it are highly prohibited. And the only way to save parts of it is by using specialized programs to capture whatever it is that is depicted on your computer screen. We see in daily news or listen from surroundings peoples, that in colleges the some students or any persons are involved in Cyber Crime, And also in colleges there are some students that misbehaves in college, for preventing this things we choose this project. For preventing important data, for maintaining security this system can be very helpful for network. This system can also be useful for system maintenance. It can be use for security purpose, To see what user actually do in the system. With the help of this system we can prevent system's important information. It can maintain discipline in colleges and also in students. In Existing System there are different softwares for the tacking screenshots, terminator and keystrokes. In existing system we can take screenshots but administrator can't watch what user actually do in that PC. Keystrokes are very important fact, When user trying to use facebook or other illegal or websites that are restricted to user that website's access is denied for the user. Admin can give access or denied access to websites. Admin can see what user actually do in that system. The Administrator does not knows that what user is doing in the PC. So this system can be use to see what user actually do in the PC. It can be use for security purpose, To see what user actually do in the system.

With the help of this system we can prevent system's important information. We see in daily news or listen from surroundings peoples, that in colleges the some students or any persons are involved in Cyber Crime, And also in colleges there are some students that misbehaves in college, for preventing this things we choose this project.

II. PROPOSED SYSTEM

The system is based on client server architecture, there are two systems one for client and one for server. Client application can autostart and run in background hence the user cant see the system run in background.

After that whenever user uses the pc, system will take screenshot of his session for up to the user end his session. Screenshots can generated in specific timing given by server system

System will create a folder of every user on the server system that uses the lab's PC and it will store their screenshots by their name date and time.

User can't see the folder that contain screenshots, only administrator can see this folder and server can give access or denied access to user for a particular website during user surfing on internet.

It is consists of a server-side application and a client-side application that can be remotely installed on any computer in the network and is completely invisible to the end-user. For any computer on which the client application is installed,

Client System

Client system can generate only Screenshots and store in folder on server system. Client system is hidden from user i.e., system get auto start when windows is started and it is run in background client system is secured with password given by administrator. Folder is created with computer name in server. Server needs client pc IP Address for identification.

Server System

In server system administrator can set specific timing for taking screenshots for client, administrator can see the folder and screenshots. Administrator can set password on server system for access the client system. Keystrokes generated from client PC are also get save in folder on server PC. Administrator can give access or denied access for using some restricted websites to user from server system. Only administrator can see the data stored on sever pc. If administrator wants to delete data he can delete manually. Server system can create folder by using Client PC IP address

- **Monitor Without Them Knowing:**
View their computers in real time – from your Server PC. Activity Monitor works invisibly, without slowing down their PCs.
- **Record keystrokes in work apps, emails, websites and IM chats in real time.** See what's happening as it's happening.
- **View multiple computers at the same time in your network.** See disasters coming and prevent them from happening.
- **Generate reports and schedule screen captures.** Then show the bad guys the evidence. Even better, show everyone.

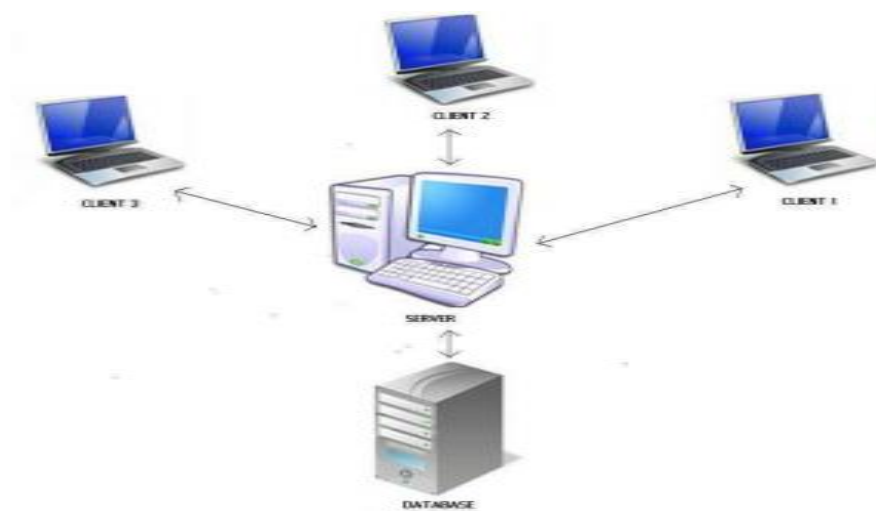


Fig 1: Block Diagram Of Proposed System

III. CONCLUSION

This System is client server architecture based system with the help of this system administrator can see what user actually do in the pc. It can be use for security purpose, With the help of this system we can prevent system's important information and some illegal website will be banned. Monitor every PC on your Local Area Network. Whether you're monitoring company workstations or university campus network users, catch them in the act. Show them the proof. Take

action. This System will help you protect sensitive and proprietary information, protect your employees, protect your organization's reputation and, ultimately, help protect the bottom line.

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