WLAN System Analyzer using Android Phone

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Abstract: A remote LAN system can be checked utilizing an android phone when the administrator is not present at the place of system but rather he/she is far from it. The venture point is to secure the system or a LAN by actualizing such a product which is empower to complete operations which are able to screen entire of the system, sitting on one seat by survey remote desktop, passing messages to remote framework and is likewise ready to close down the framework by performing remote prematurely ending operations. The components introduced in the application which can be introduced in an android telephone. This venture is to give the most extreme insights about the system to the director on their screen without knowing them their clients. The director can see the static picture of customer's desktop and afterward he/she could send cautioning message to the client to stop that operation instantly. Indeed, even than if customer don't stop than manager has the office to prematurely end the framework remotely or restart the framework whatever vital he considers. The issue of security and approval is additionally tended to at expressing how the application made is open just to an approved individual.

Keywords: WLAN, Framework, Android Handheld Device.

I. INTRODUCTION

Remote correspondence is characterized as the exchange of data over a separation without utilizing any enhanced electrical transmitters or wires. The separation might be short or long relies on upon the prerequisites and availabilities. There are many undertakings identified with remote correspondence. In this way, let us once take a gander at some of remote correspondence based tasks thoughts gathered particularly to engineer understudies.

Remote Message Communication Between Two Computers.

- Wireless Electronic Notice Board Using GSM.

- Wireless Over Temperature Alarm.

- Automatic Wireless Health Monitoring System in Hospitals for Patients.

- Wireless Power transmission

The fundamental point of our venture is to control and screen the LAN arrange from our remote handheld gadget i.e. mobile phone from anyplace independent of distance. You have a LAN setup at your office.

Sitting at home you need to take in the LAN status. You can do as such by putting away this venture in your phone and executing the same. In a worry, PCs are assembled together to frame a system. To oversee and control the exercises of the system while in office is a simple errand. Be that as it may, while you are outstation far from office, how would you run about with observing and controlling of system? Rather than relying upon outsider data, you can simply have your PDA fill the need.

II. PROBLEM STATEMENT

To implement the activities being carried out at the workplace on various machines using our android application.

III. PROPOSED SYSTEM

The customer side has a focal customer, one focal server and one android phone. The customers are associated in WIFI making a WLAN. Server is associated with the focal customer side. The association foundation between android phone and server is done through fundamental attachment programming. Working environment of the product is Android. Be that as it may, customer machine and server machine required in the operation may have any windows based working framework (windows XP onwards). The application created utilizing java as java gives wide choices to making articulate GUIs.

IV. LITERATURE SURVEY

1.   GSM Based LAN Monitoring and Controlling
Keywords-LAN,GSM,Server,Device.
This proposed system   provides the basics of GSM based   LAN monitoring.SMS remains the most efficient communication system for pushing the content on to the mobiledevices

2.   MONITORING LOCAL AREA NETWORK USING REMOTE METHOD INVOCATION
Keywords-LAN,Server,Device.
Network security works as security provider to whole of the network. Front end is build in JAVA RMI used to provide the authority to the administrator to stop any illegal process and make him enable to monitor whole of the LAN and the work carried on connecting nodes.

3.   Personalized Web Search with Location Preferences
Keywords-Search System,GPS System,Server.
An Ontology-Based, Multi-Facet (OMF) personalization framework for automatically extracting and learning a user's content and location preferences based on the user's clickthrough.
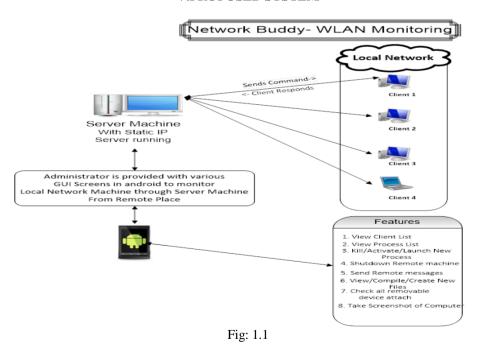
4.   Wireless Sensor Networks: A Survey
     Keywords-Sensors,GPRS,WLAN.
The flexibility, fault tolerance, high sensing fidelity, low-cost and rapid deployment characteristics of sensor networks create many new and exciting application areas for remote sensing.

5.   Wireless Sensor Networks: A SurveyVital Signs Monitoring and Patient Tracking over a Wireless Network
Keywords-Sensor,WLAN,Server,Client
The AID-N system has great potential in improving problems in today's emergency response system, especially in plans to deal with mass casualty disaster.

V.PROPOSED SYSTEM

Fig: 1.1

The fig: 1.1 shows that, The customer side has a focal customer, one focal server and one android phone. The customers are associated in WIFI making a WLAN. Server is associated with the focal customer side. The association foundation between android phone and server is done through fundamental attachment programming. Working environment of the product is Android. Be that as it may, customer machine and server machine required in the operation may have any windows based working framework (windows XP onwards). The application created utilizing java as java gives wide choices to making articulate GUIs.

VI.CONCLUSION

When we choosing a proper tool to use for monitoring, an Admin must decide if they would like to use a more proven system or a newer system. If the proven system is the direction that feels more comfortable, Net Flow is the most beneficial tool to use since a data analysis package can be used in conjunction with it to present the data in a user-friendly environment; however if an Admin is willing to try out a newer system, a combinational monitoring approach such as WREN or SCNM is the best direction to proceed.

REFERENCES

[1] In WLAN Monitoring Using Android Phone: Pooja Chaudhary, ManasiBhutada, Atul Bavoria, has used the technology for granular WLAN access control and network authorization used as the application in the android phone protects and secures the network. Only the phone whose no matches the database record already provided in the server side will be connected to the server.

[2] In Personalized web search with location preferences, W.-T. Leung, D. L. Lee, and W.-C. Lee, introduced An Ontology-Based, Multi-Facet (OMF) personalization framework used for automatically extracting and learning a users content and location preferences based on the users click through.

[3] In GSM Based LAN Monitoring and Controlling, MamtaBhambare,TejashreeMalshikare, RenukaSalunke, Priyanka Waghmare, introduced the basics of GSM based LAN monitoring. SMS remains the most efficient communication system for pushing the content on to the mobile devices.

[4] In MONITORING LOCAL AREA NETWORK USING REMOTE METHOD INVOCATION, Harsh Mittal, Manoj Jain, Latha Banda, introduced Network security works as security provider to whole of the network. Front end is build in JAVA RMI used to provide the authority to the administrator to stop any illegal process and make him enable to monitor whole of the LAN and the work carried on connecting nodes.

[5] InWireless Sensor Networks: A Survey, I.F. Akyildiz,W. Su, Y. Sankarasubramaniam, and E. Cayirci,introduced wireless sensors used fo the exibility, fault tolerance, high sensing delity, low-cost and rapid deployment characteristics of sensor networks create many new and exciting application areas for remote sensing.