



# DETECTION OF NETWORK FAILURE AND AVOIDING DUPLICATE DATA DELIVERY IN WIRELESS SENSOR NETWORKS

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**ABSTRACT**--Simulations have been conducted on the present method and a number of analyses is made on the present system in order to find the accurate data transmission oriented strategy of the performance based strategy followed by the outcome of the entire system in a well oriented fashion respectively by avoiding the duplicate data. Here the implementation of the present method takes place followed by the effectiveness is got measured in a well accurate fashion respectively. Here the scheme related to the strategy of the iterative phenomena in which where it is completely independent on the structure of the system followed by the size and its orientation respectively. Here the nodes of the potential based electrical strategy is a well efficient method by which there is a well known computation of the fictionsstrategy in a well efficient manner followed by the aspect of the implementation oriented strategy in a well effective manner by the help of the fictions measure respectively. Here the present implemented algorithm is non synchronous followed by the distributed strategy oriented

with network related aspect in a well oriented fashion respectively. Here the communication takes place in the system based strategy in a well oriented fashion by which there is under the coverage of the communication aspect followed by the transmission based strategy respectively. Here the present method is implemented in order to overcome the problem of the disconnected nods based strategy in a well oriented fashion respectively by the help of the networks based on the wireless sensor based strategy in a well efficient manner respectively. Here in the present proposed algorithm the implementation based aspect is found by the help of the detection of the each

and every node in a well oriented aspect followed by the cuts based strategy followed by the detection of the nodes which is under the network oriented aspect of the wireless sensor based strategy in a well respective fashion. Here

there is a continuous verification of the system based on the mal functioning of the nodes based strategy in a ell oriented fashion respectively there is a requirement of the separate nodes for the continuous analysis in a respective fashion

**KEY WORDS**-- Estimation and detection, computation of the iteration, Network based sensor strategy, Network based wireless strategy respectively.

## I. INTRODUCTION

There may be a problem in the functionality in the nodes due to several problems based strategy and some of them includes problems related to the electrical or the mechanical based strategy by the degradation of the environment that is due to the ill prone areas and may also cause due to the problem in the battery backup and tampering of the hostility in a respective fashion [1][2]. Many of the users are getting attracted to this sought of technology where there is a reliable amount of the transmission followed by the less reduced cost oriented phenomena in a well respective fashion. Here the nodes are selected as small as possible where there is low power consumption followed by the reduced poweroriented phenomena and can consume large amount of the energy efficient aspect in a quite respective fashion. Here networks based on the wireless oriented strategy where plays a prominent role for the implementation of the system in terms of the resolution oriented strategy in a well efficient manner with respect to the space as well as the time oriented phenomena [3][4]. There is a common strategy for the failure in the nodes and it is a common problem no needs worry about this in order to maintain the performance oriented strategy a repair has to be done

in a well effective fashion. This is one of the key points to take into the consideration whenever we are going to work on the proposed method for the purpose of the effective improvement in the performance of the system.

There is a problem with this lack of functioning of the couple of nodes in such a way that there is a complete damage in the routing based strategy takes place in a well efficient manner. Here there is also a conditioner in the system take place where there is problem with respect to the failure of the node or a problem arise due to a problem of the disconnection based strategy. There is a lack of then node functionality due to the fluctuation in the power based criteria followed by the small variation that are due to the degradations in the environment based aspect [5].

**II. METHODOLOG**

In this paper a method is designed with a well efficient framework oriented strategy in which there is an improvement in the performance based strategy followed by the entire system based outcome in a well respective fashion respectively. Here the implementation of the present method is shown in the below figure in the form of the block diagram and is explained in the elaborative fashion respectively. Here the present method completely overcome the drawbacks of the several previous methods in a well respective fashion and improve the performance of the system in a well accurate fashion respectively [8]. Here we finally conclude that the present method is effective and efficient in terms of the performance based strategy followed by the outcome of the entire system in a well oriented fashion respectively [6][7].

**III. BLOCK DIAGRAM**

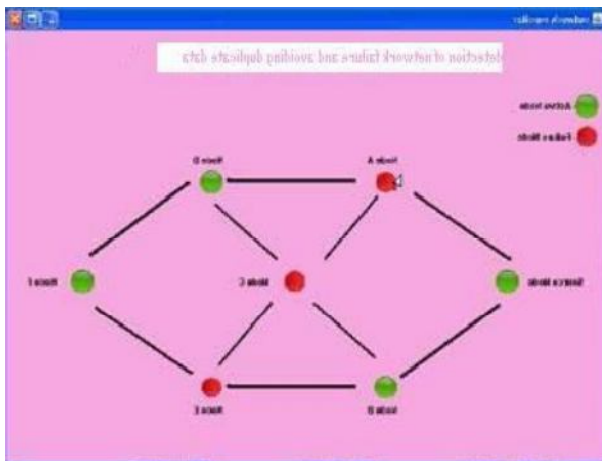


Fig 1. shows the representation of the cut based method respectively

**IV. EXPERIMENTAL RESULTS**

Here we finally conclude that the present method is designed with an effective framework where it completely

detects the cut occurred in wireless sensor networks and also avoids the duplicate data delivery in wireless ad hoc and sensor networks. A comparative analysis have been conducted on the present method to that of the several previous existing techniques and are shown in the below figure and in a elaborated fashion in a graphical representation respectively. Therefore the present method is effective and efficient in terms of the performance based strategy and the results are accurate and it is efficient comparing to the methods implemented previously.

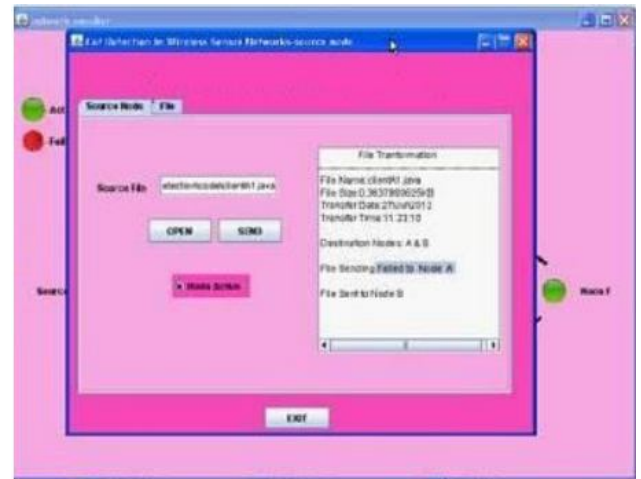


Fig 2. Shows the received data from source node respectively

**V. CONCLUSION**

In this paper a method is designed with a well effective framework oriented strategy in a well oriented fashion where there is an accurate analysis of the data with respect to the performance based strategy followed by the outcome in a well oriented aspect respectively. Here the data duplication is completely avoided in the network so the performance of the network is increased in which a network based on the wireless strategy is implemented in a well effective manner for the efficient detection of the source based disconnection oriented strategy in a well respective fashion in which this above problem is detected in the above respective fashion by the help of the network related to the wireless strategy in which of the node based sensor in a well oriented fashion respectively. Where there is an accurate enabling of the nodes into the active model based strategy in which some where cut occurred and an accurate detection by the following strategy which is experienced by the nodes oriented strategy in a well effective manner by which accurate detection of the above policy oriented aspect with respect to the strategy in an accurate analysis respectively.



## VI. REFERENCES

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