# Mobile Computing and Handoff Process Management in Wireless Network

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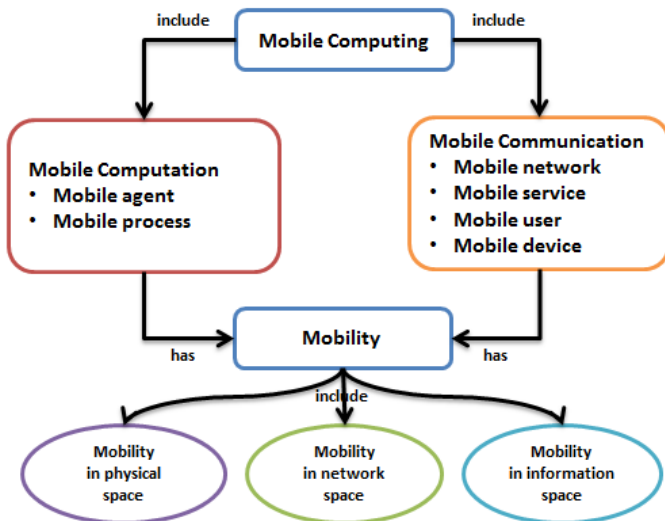Galgotias University Greater Noida, Gautam Buddh Nagar Uttar Pradesh, India

## ABSTRACT

*We have present the mobile computing and handoff process management in wireless network system by using the global service network. Global service network is the one of the most popular service in the world. Also use the some protocols for manage the handoff management in wireless network. Mobility is the most important part of our life for easy work and fast work an anywhere in any time for communication and data transmission from one to another devices.*

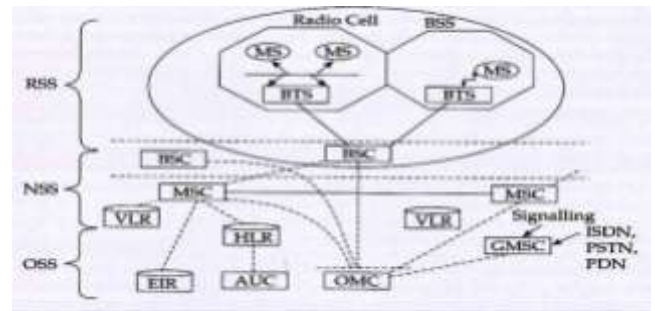**Keyword:** *wireless, handoff, protocol, management, layers, mobility.*

## INTRODUCTION

Wireless network should have support calls with different traffic and quality of service. Mobile users and those requirement and needs are completed by a wireless network. This is based on IP based technology for efficient network. We present the component of the mobile management these are location process management and handoff process management and also present the protocols of the network layer one is macro mobile protocol and another is micro mobile protocols.
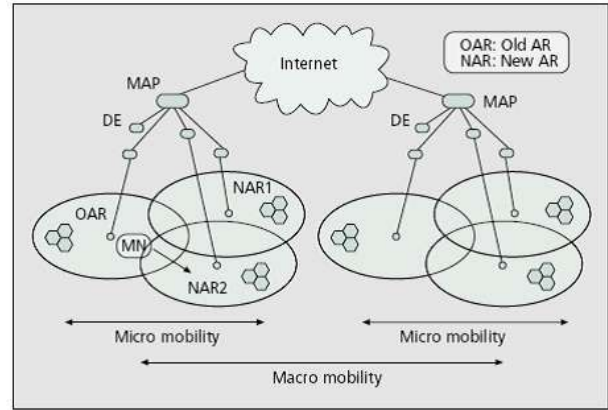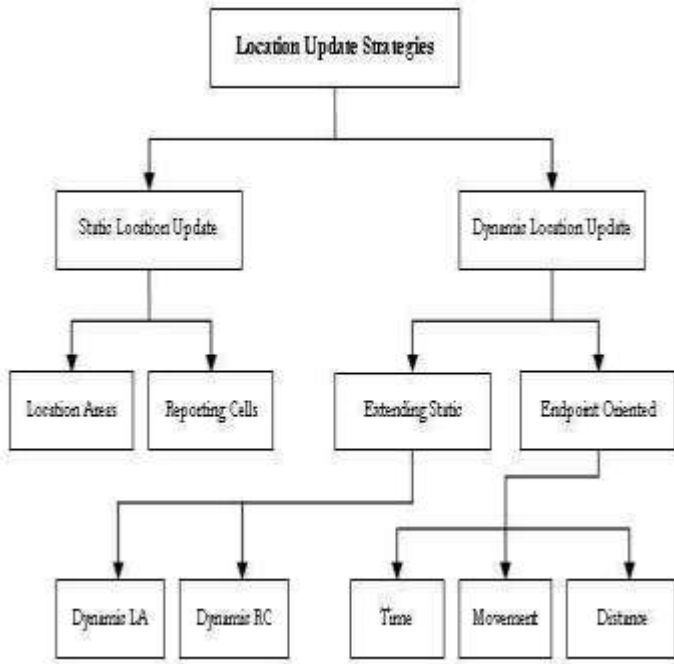


Related Work

## MOBILITY PROCESS MANAGEMENT

Mobile management is most important problem for wireless communication over the internet and maintain the network connection it provided by the mobile support station and all network are communicate by the network and network is provide the wireless communication process.



## LOCATION PROCESS MANAGEMENT

Location process management is based on the network tracking system of mobile nodes. There is some subtask location process registration and it is manage the signal of the network of current location and updated the location database and call delivery process, this process is workout after location registration and it is use for information transfer and call delivered. There are some issues of the Location process management one is overhead signal minimization another is quality of service or overlapping problem.
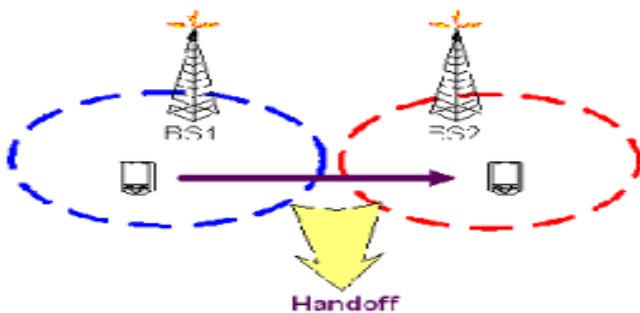
## CONCLUSION

We presented wireless network or handoff process and its problem in this paper and use the problem solving protocols and all problems solve by a gsm wireless network.gsm service manage the all process of network and provide the all service in the wireless network.

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## HANDOFF PROCESS MANAGEMENT

Handoff process management is process of connection process by one node to another node if the mobile network out of coverage area so it is provided the network by the cells of inters cell or intra cell. Those are most important part of the wireless network this is based on the old connection path to new connection path depending on the movement of the mobile devices.



## NETWORK LAYER MANAGEMENT

Network layer is based on the micro protocols network layer and macro network layer protocols. Macro is solve the problem of the node mobility by redirecting the packets for the mobile network for the current location. Micro mobility is used for providing the fast network and signals and also use for frequently and micro is divided into two groups routing based and tunnel based.