Today's communication and computing devices operate in heterogeneous environments. Mobility is an important factor that is considered for such devices. The challenge for modern Wireless devices is to ensure end-to-end seamless connectivity while they migrate through Heterogeneous wireless technologies. To provide high quality service without interruption, it is necessary for network to be more intelligent to determine users' movements. It should be able to reserve the necessary resources in the future locations to be visited.

In this paper, a method for predicting the user movement based on parameters such as Call hold time, Residence time, Handover rate with high accuracy is presenting.

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**Index Terms**

Computer Science Wireless
Keywords

Mobility, call hold time, residence time, handover rate, seamless connectivity