ABSTRACT

Mobile communication system changed the life style of the human being in the past two decades. Various research and development process is carried out to increase the effective communication system to provide sophisticated communication environment to the users. The telephone system performance is assessed in terms of packet transformation from one communication system components that include Medium Access Control (MAC) protocol, a routing protocol, and the treatment of voice packets device to another. The performance is achieved based on the percentage of blocked and dropped calls, packet loss, and packet delay. The telephone system efficiency can be increased through effective packet transformation and control. The packet transformations achieved by various routing and traveling algorithms. This project proposal initiated to analyze the exiting packet-traveling algorithm and achieve the effective system architecture for quality mobile telephone service.