

ABSTRACT

METHOD OF SWITCHING BETWEEN DATA CONNECTIONS FOR MOBILE COMMUNICATION DEVICES

A method for switching between data connections for a mobile communication device is disclosed, the method comprising the steps of establishing both a cellular data connection and a Wi-Fi data connection between the mobile communication device and a server; and concurrently maintaining the cellular data connection and the Wi-Fi data connection. The method further comprises the steps of collecting monitoring data by concurrently monitoring a first ping of the cellular data connection and a second ping of the Wi-Fi data connection; using either the cellular data connection or the Wi-Fi data connection for data communication with the server at any one time; and collecting switching data, the switching data indicative of a frequency of switching. The method further comprises the step of determining at a predetermined time and based on the monitoring data and the switching data whether switching should be performed.

[Figure 4]