

User Provided Network

(User centric Network)

The Topic

Ensuing Data Privacy in User Provided network

Participants

Kavitha K R

Saritha M N

Sreelekshmi K O

Objective

This study is to find out solutions for end user identification problem in the wireless communication system in which user become the center.

Background study

After studying the existing system of wireless communication, it is found that the any-where, any-time approach is not fully implemented. Network provided by user is an answer for this problem. One of the main problems faced by this system is to ensure data privacy.

Overview

The world is going through a paradigm shift towards any-time, any-where and any-how model of communication system through wireless technologies. But the present implementation of these three any-s based on platform-specific and device-centered system has many disadvantages. In order to avoid the limitations new technologies are coming.

The user provided network comes into play in this scenario.

The main concept is that the user (technically called micro provider) is the provider as well as the consumer of the network.

Basically in this system two types of users are there; the provider and the consumer. Provider can be the consumer at some times. The provider shares his wireless network connection and resources with others. The consumer uses this connection and pays back for his consumption. Whenever this provider moves outside of his access area he can use others connection and can becomes a consumer.

Area of interest

We are trying to explore and solve the problem of ensuring data privacy.