Abstract

Internet has become one of the basic needs of people in this modern world. They need internet to know about any unknown topic, place and person, get online study materials, and stay connected with their near and dear ones via social networking sites and IP calling services. Due to the availability of internet in every handheld electronic devices, number of internet users are increasing day by day. Dhaka, being the capital and a major metropolitan city of Bangladesh, has most population density as well as most internet users. There are 4-5 major mobile telephone service providers in this city who also offer internet services. People choose different service providers considering different reasons, such as: area coverage, call rates, internet packages and their prices etc. Sometimes people are leaving their usual area and entering such an area where their mobile telephone service provider will not be able to provide services. Then they need to stop using the SIM card of that service provider and take a new one from others. This is not convenient for any customer of any mobile phone company. This situation can be avoided if all such service providers are agreed to share their networks with each other.
throughout the city. This will provide service to any customer of any service provider even when
it do not have network in some areas. This sharing does not require much financial support as it
will be using the existing networks and some new Wi-Fi devices to support growing number of
users.

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Index Terms

Computer Science  Wireless

Keywords

Internet, Mobile phone network, Mobile phone service provider, SIM Card, Wi-Fi, Routers, 3G and 4G network, Gateways, Handover, Data Service.