MOBILE & WEB SERVER WITH INTERNET FROM REMOTE PLACE

Dr. Khanna SamratVivekanand Omprakash

Address for Correspondence
Information Technology Dept, ISTAR, Sardar Patel University, VVNagar, India

ABSTRACT
This paper represents how different mobile client users can access information from mobile server and web server through internet. To access a web application running on a mobile server phone, equipped with a standard operator SIM, from any browser on the Internet, at any time User may capture data from mobile and can send information to the Internet. On other end by connecting on dynamic website online user can connect to the mobile server & operates the features of mobile from Internet via web application. Developing mobile server application for a particular mobile operating system like symbion or windows operating system. Installation of a particular client/server application on mobile can be done. The concept of client/server 3 Tier application is used. Client applications can be installed on the different mobile, so client can connect to the mobile server application with the help of internet. Client can access the features of mobile server phone and access the central database server with the desired rights. Client can receive & send information to the web and mobile server. Fetching information for particular connecting on dynamic website online user can connect to the mobile server & operates the features of mobile from Internet via mobile client for doing operation from web server. A central database server is hosted on the real IP with particular domain name. A web hosting server is based on windows with IIS and apache. It supports web applications with database for storing the web pages. An information can be easily access from the webpage to the mobile server by connecting through internet using authentication and authorization. Mobile client can easily access the information from web page and connects to mobile server for doing certain operation relating to mobile device. Capturing & transferring images, video and messages currently on web server by just taking from mobile to the web and can send information to the other users with mobile server. Mobile client gets both the benefits of web server as well as mobile server for exchanging the information. The concept of operating certain functions on web and mobile can be done with this type of facility with Internet by providing real IP on net with ISP for web hosting server. The concept of two server 1.Mobile and 2.Web Server is used for the clients to access the functionality of mobile and web. Attempt of failure of any server due to internet connection or simcard will restricts its operations on mobile but not on web server. Mobile applications retrieves the required data information in certain time interval by connecting with the web server.

KEYWORDS Mobile Server , Client/Server, Web Server, Central Database Server, IP, DNS, Web hosting. Mobile Computing, Mobile Application
of Web browsers available to choose from – each with its own distinctive look and features. With the growing popularity of smart phones and mobile devices, now there are also a number of mobile web browsers available to download.

**OBJECTIVE**
- Secure, efficient, resilient mobile data synchronization with Database
- Remote application, user and device management
- Standards-based encryption for remote data, in both storage and transit
- Robust and reliable mobile data synchronization over unreliable networks
- Highly scalable server configuration, supporting large and growing mobile or remote deployments

The main objective is to transform the information from mobile to web server. Mobile server can access the information from web server when request of Mobile client directly comes to executes the operations of mobile. The information of client can be seen on web and can be access to others by providing access. Client can access others information and send command to mobile server to perform the task by connecting with the help of Internet.

**DESIGN & EXPLANATION**

Web server can refer to either the hardware (the computer) or the software (the computer application) that helps to deliver content that can be accessed through the Internet. The most common use of web servers is to host web sites but there are other uses such as data storage or running enterprise applications. Client is an application or system that accesses a service made available by a server. The server is often (but not always) on another computer system, in which case the client accesses the service by way of a network. The term was first applied to devices that were not capable of running their own stand-alone programs, but could interact with remote computers via a network. Mobile Client supports a wide range of mobile phones and smart phones popular with business users. The Mobile Client can easily be installed on mobile devices as an application via SMS or file download, using a straightforward activation imperceptible to the end user.

Developing Online Web Application using ASP.Net with the database. User can access the web application by providing valid password using authentication or authorization process. The website is now hosted on real IP with domain name on Web hosting Server. It connects with 24 hr a day with internet connection. Developing mobile application for Windows smartphone or Symbian Operating system. A smartphone containing advanced features in terms of software and hardware is used to stored server application. Mobile Client application is also develop for client users. Now users can directly connect from mobile to web server by installing this program and also connects to the mobile server for doing certain operations like sending SMS, Images, Video and accessing other information. Mobile user can access the information of all the users by accessing from the web server , as it connects 24 hr per day. Now it depends on user to access the web server or Mobile server. For accessing mobile features it connects to the mobile server and for GUI based program for sending email and to run other web applications connects with web server. Capturing of images and videos from mobile can be send to the web server so other users can also access it with given rights.

**SOLUTION**

Developing clients program for a different operating system of mobile can be helpful. It connects via client program and it takes input information from client side in terms of file or a formatted input. It sends to the web server and stores into database server. The execution of script will be on the web server and mobile server. The mobile server will take care of all records of sending and receiving of sms and sends to the web server.
Migration to a client/server from mobile to web server and mobile to mobile server user can access sites. It helps to transform the data reduces web traffic on the internet and more concurrent client mobile for exchanging the information. It available online. Different user can be seen on mail executables commands. Multi user access facility is generated. Sharing files from any directory. Detailed menus and picture thumbnails automatically and on-the-fly. Mobile Web Server supports web templates. Mobile Web Server allows the site visitors to determine the server geographical position on the map with GPS. It supports the features. Creating web/site content with file copy operations. Automatic unconditional worldwide access to the Server. Worldwide server locating with embedded/connected GPS receiver. Remote Control and Remote Screenshot features. Web templates support. Automatic site-from-files(folders) generation. Automatic site-navigation menu generation. Web pages from plain text files generation. Sharing files from any directory. Detailed instant access/activity log.

The main goal is to transfer the information from mobile to webserver. Mobile server access the information from web server for mobile clients to perform certain operations. Different users can log in simultaneously for performing the task on mobile server.

ACKNOWLEDGEMENT
Authors acknowledge the financial support by Institute of Science & Technology for Advanced Studies & Research (ISTAR) V. V. Nagar for this work. I would like to thank Dr Vipul Desai for his support and guidance.

REFERENCES