

Local Data Synchronizing System among Multiple Users

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In this modern globalized society document accessibility independent of location has become a widely felt necessity. Accessing documents can be done by personal computers, laptops and mobile devices. Also documents can be shared among multiple users. This system allows users to access their documents from any location without bringing the stored data in portable memory devices.

The application server holds users' account information as well as documents. The PC application and mobile application runs in each device synchronize document with this application server. So the application server contains latest version of the documents. When another device communicates with the application server, it provides/synchronizes the newest documents. When user does not have his own device, he can directly get newest documents from the application server.

The application server mainly uses PHP scripting, client mobile application uses J2ME technology and client computer application uses Microsoft™ .Net technology. Retrieving the same document in different devices may be different as mobile devices have limited memory, display screens and processing speeds.

Keywords: Data synchronizing systems, Mobile applications, Share documents