

Abstract

Web service is a web based application which developed by using a setting function of recent form. It means that to develop a web service needed good handling to becaevery function which developing it with the relation based on function. Because of the background to give an accomodate service for covering the requirement about some information and then able to do a recent function, then the web service could be the most effective and efficient solution.

In this final task is going to be deployed a web service application that aim to service the client for accessing the data anywhere and anytime that belong to them, but noted the data should be firstly registered in this application. It can be sure that the device have to support the accessing is mobile device. With requirements that are not so complicated such as mobile device supported by GPRS (*General Packet Radio Service*) and WAP (*Wireless Application Protocol*), then it has could accessing that data that were shared in desired PC. It can call the data that have registered as File Sharing. From the testing have done, the result is GPRS class 32 had the most optimum capability among the others and would be powerfully if it worked on the 3G network. The fastest speed access is held when it was done in the morning and afternoon. Increasing file size also affected access and response time.

Key word : Web Service, File Sharing, GPRS conectivity.