Abstract

Web services technology is becoming an important technological trend in web application development and integration. Based upon open standards such as SOAP, WSDL, UDDI, and BPEL4WS, web services allow web-based applications to communicate through standardized XML messaging and to form loosely -coupled distributed systems. While web services technology provides a new computing model, in which infrastructures and application systems are hosted by service providers and made available to service consumers via web services, computing resources such as network bandwidth and storage throughput need to be allocated such that the total benefits of both the service providers and the service consumers are optimized subject to the QoS requirements of service requests. Therefore the main pupport from "pricing" in web service is to optimalize the benefit from bisnis operation that use web service, and it is do by using the QoS based pricing and update the price periodically so create the dinamic price according to QoS from that web service.

Thus, in this final project will be implemented a web application in broker side and have a responsibilty as mediator between provider and consumer, and use the QoS based Pricing that updated periodically.

This final project implementation will be developed using .NET Framework 1.1 and Visual Studio .NET 2003. Modeling is made in UML by using Rational Rose.

KeyWords : *service provider, service requester, broker, publikasi web service, pricing web service, metering web service, QoS, Pay Per Click, provisioning.*