ABSTRACT

Instant Messaging System using the Java programming language are poised to become a major part of both consumer and enterprise networking, and plays a core communication role similar to email.

The Java Message Service (JMS), which is designed by Sun Microsystems and several other companies under the Java Community Process as JSR 914, is the first enterprise messaging API that has received wide industry support. The Java Message Service (JMS) was designed to make it easy to develop business applications that asynchronously send and receive business data and events. It defines a common enterprise messaging API that is designed to be easily and efficiently supported by a wide range of enterprise messaging products. JMS supports both messaging models: point-to-point (queuing) and publish-subscribe.

JMS defines a set of interfaces and semantics that allow Java applications to communicate with other messaging implementations. A JMS implementation is known as a JMS provider. JMS makes the learning curve easy by minimizing the set of concepts a Java developer must learn to use enterprise messaging products, and at the same time it maximizes the portability of messaging applications.

In this project JMS technology has been explored and it has been used for a typical case of Credit Card misuse. The project has been designed to inform the credit card company about the misuse of the credit card in real time through the JMS messaging technology so that the Company can find out a immediate remedy for it.