**ABSTRACT**

**CHAT APPLICATION**

The chat project is a solution developed to communicate between the users across the systems connected in LAN. This project has been developed to receive instant and urgent messages and to provide total user satisfaction. The entire process has been automated using java technology and sql server to smoothen the flow of information in a highly secure environment across the network.

In an organization there is no effective communication between employees, since no sharing of ideas or thoughts between them. Previously each employee use their own chat such as yahoo, Orkut and Gmail to communicate with in an organization, Because of different chat all employee are not able to connect with each other. This can be overcome by chat application, so every employee can communicate with each other only when the organization systems are connected in LAN.

This chat application consists of a server program and a client program. Transmission of text data between the server and the client is made possible when a connection is established between them. This application has been designed to work under any windows system and under any network using TCP/IP protocol.