**ABSTRACT**

Chat server is a standalone application that is made up of the combination of two-applications, server application (which runs on server side) and client application (which runs on client side).Transmission of text data between the server and the client is made possible when a connection is established between them by using TCP sockets. This application has been designed to work under any WINDOWS system and under any network using TCP/IP Protocol.

The main aim of chat server is to provide platform for Internet Relay Chat (IRC), but this implementation is rudimentary in nature and doesn’t include much of the features present in today’s chatting platforms like Facebook, Gmail and others. This application would endeavor from me an episode of stringent coding in Java

**FEATURES**

**1. Group chat**

**2. Relay chat**.

**ENVIRONMENT**

**JAVA**

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