

Remote Backup System

Proposed System

The proposed Remote Backup System is a backup system using networking . This contains mainly two modules. One is Backup Server End and other is Client End. It uses a web service to view all backups and a java swing application to backup documents.

In the Web Service End user must register to a web site (which is a part of this project) before going to use the application in the Backup Server. This web site is also part of this system. The registered user can view and download documents to his computer. Therefore Remote Backup System promises a user friendly and secures backup of documents.

Backup system uses a standalone application to backup data requested from a remote client in the network. In client side end, user can use the service on his system to backup data. The user can view and download the documents in to his system from the backup sever using this service.

Objectives of the Proposed System

The project entitled "Remote Backup System" is a network service running as a server system. It uses TCP and UDP protocols for the transaction and backup process. Scheduling of backup is done using user management and network protocols. This system offers backup in a server system within a network for the secure data store. It offers scheduling and memory management as it backs up documents in compressed form. Client user should request to backup server for backup process. So it sends a request first to server containing the size and type of the document. Server returns a response and establishes the connection. This transaction is stored in the database so that server can accept request one by one from several clients. As the waiting time of clients increases, priority to accept requests also increases.

The proposed system has the following objectives:

- The user can backup the documents in the Backup Server.
- The users can view and download documents from the Backup server .
- Administrator can manage users and has privilege of managing backup stored in server.

Software Requirements

Developing Language: Java, JSP and J2ME

Database: MySQL

OS: Windows / Linux