

Remote File Storing in Mobile

Introduction

The project aims in implementing a software that helps a user to expand the memory level of a mobile i.e., our software helps a user to store data to a remote system and which can be later retrieved the user according to the need. The s/w also provides the user to store the audio & video or image captured by the mobile and can be later played by retrieving.

System Study

The S/w is created with the help of J2EE. It communicates with a web Through GPRS .We also need to create a web server application .The current Software available in the market only assist a mobile phone on either compressing the data or managing the data. Such applications are implemented only on “Symbian” Phones. Our application implements the above mention concepts along with extended file server facility on any phone which has java enabled. This Software helps users to transfer any data from their phone to a remote server from which they can directly downloaded to a system or to another mobile phone. This can be concenter s a better way of data transferring when comparing with the difficulties faced with MMS .The user can also upload file from a system with the intension of downloading it or viewing it on a mobile ph0ne .The user can upload songs and video supported by the mobile phone and which can be later downloaded to the phones and played or viewed.

Implementation

For implementing the above mentioned concept first we develop a website which supports file sharing , video and audio sharing between users. Each user has to initially register with us . After registration process the user is provided with server spae which an be used for storing video's and audio. Now the user has the facility of uploading the files from a web client and then viewing it from the mobile side. The user has to install our software on to his mobile phone . Through our application the user is provided with the facility of storing video taken from ther mobile or pictures to our server and for wich user can set sharing privledges and based on that settings oter users can download it to their

phone or view it through the web. The user is also provided with the facility of sending the pics as mail to a mentioned mail id.

The technologies used in the J2ME side are:

- 1. GPRS Communication protocol**
- 2. The Multimedia API**
- 3. RecordStore for data storage**
- 4. Multi Threading**

The features in System Side

- 1. File Manipulation**
- 2. S/W Download**
- 3. User Log**
- 4. File Log**
- 5. Image management**
- 6. Video management**
- 7. Audio management**

Mobile Side

- 1. Capture video/Audio/pic**
- 2. Upload data**
- 3. Download data**
- 4. play media**
- 5. send mail**
- 6. File share settings**

S/W Requirements

J2EE ,J2ME ,MultiMedia API ,GPRS,Java Media Framework