**G-search**

**Abstract**

One of the **fastest growing industries now a day** is mobile industry. There are many competitors in this area who are doing research and development on new platforms & user experience. One such technology is Android from Google which is supported for many manufactured phones. These phones are described as next Generation mobiles [As described by Google]. The project G-Search is a personal easy search option for mobile user. This Android based application provides Good User Interface to search options like contacts, messages ,A customized to-do list by the user ,audio files and video files captured by user as well as in built .this gives a mash up kind of look with integrated search . This application supports 2.3 version of android frame work.

**Existing System**

# In the existing system there is no search bar in mobiles previously. If any user wants to search for any file in the mobile user need to go to the individual file system and search for the file which the user wanted. As of now in android mobiles there is no such system which searches (phone contacts, messages, video and audio files at a time).if user wants to search then he needs to go to the particular application and search for getting the results, which is a tedious process.

**Proposed System**

We are going to create a mash up type of application which searches all the application (phone contacts, messages, video and audio files) which are in-built. In this when a user enters a search string then that will be searched against all contacts from sim and phone memory, various messages received from different people, all the media files which are there in android mobile.

**Modules**

G-SEARCH ON ANDROID is having the following modules

**1. Contacts**

In this module application will search the SIM contacts and phone contacts based on the search string and matching phone number and contact name will be shown on the screen, upon click on any contacts you can directly call to that number.

**2. Messages**

In this module application will search the SMS received from various phone numbers along with date and time stamp, upon clicking on messages we can see complete text of the SMS along with call back and replay features.

**3. To do list**

In this module application users can add any to-do list and check list to internal database of the mobile even we can search the entire to-do list and check list using search functionality. we can also forward a particular to-do list content and check list content to Gmail.

**4. Audios**

In this module all the mobile audio files will be displayed based on the search string and we can play the songs in the same screen along with pause, next previous options

**5. Videos’**

In this module all the mobile videos files will be displayed based on the search string and we can play the songs in the another screen along with pause, next previous options

**6. Images/Pictures**

In this module all the mobile images matched with search string will be shown as in the grid format. Upon clicking on any item we can show them a good touch and move mode where all the images shown one by one in a semi arc manner. It has auto rotates features also.

**HARDWARE REQUIREMENTS:**

* System : Pentium IV 2.4 GHz.
* Hard Disk : 40 GB.
* Ram : 512 Mb.

**SOFTWARE REQUIREMENTS:**

* Operating system : Windows 7
* Coding Language : Java 1.6
* Tool Kit : Android 2.2
* IDE : Eclipse kepler