

## RouteSms Mobile Client

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## RouteSms Mobile Client by RouteSms

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## **Introduction**

Mobile Client is a Short Message Service (SMS) messaging tool. It facilitates complete messaging capabilities over the GSM, CDMA networks for Java supported mobile devices via HTTP interface. Using Mobile Client user can send single, bulk or group message from their mobiles provided their mobile can connect to Internet and the service is enabled. Also Mobile Client supports Text Message, Flash Message and Unicode Message formats.

**Installation:**

**Before Installation:**

Before Installing RouteSms Mobile Client on your mobile device please make sure that your mobile device supports Java™ Micro Edition (J2ME™) and following APIs/JSRs;

**Supported APIs/JSRs:**

APIs/JSRs Name	Description
MIDP 2.0 or 2.1(JSR 118)	Mobile information Device Profile (MIDP) is the basic requirement for Mobile Client which provides user interface to send messages.
CLDC 1.1 (JSR 139)	Connected Limited Device Configuration (CLDC) support, Mobile Client has been developed in context of CLDC thus hosting device must support this configuration otherwise application will not be installed.
JSR 75	This specification is used to read your phone numbers from a text file to send bulk SMS.
JSR 172	This API is very important because it connects the Mobile Client to Web Server to submit messages through Web Services.

Regarding support for these APIs in your phone see the phones technical specification or contact your vendor.

**GPRS Support:**

To successfully send your messages, you need to have a GPRS connection to connect to our Web Server through HTTP. No download charges or access charges are taken from RouteSms however GPRS vendor can charge you depending upon type of GPRS connection. Make sure that you can access web sites using your phone before using the Mobile Client, so that Mobile Client can send messages.

## **How To Install:**

To install Mobile Client on your mobile phone download the JAD and JAR files, both of these file makes a complete MIDlet suite.

### **What is JAD File?**

The JAD file, as the name implies, describes a MIDlet suite. The description includes the name of the MIDlet suite, the location and size of the JAR file, and the configuration and profile requirements.

### **What is JAR File?**

Java Archive File is the actual application file which is going to be installed on your phone.

JAD file name: MobileClient.jad

JAR file name: MobileClient.jar

You can use any of the following methods to install Mobile Client on your phone.

#### **1. Installing via Bluetooth from your Desktop/ Laptop or other mobile phones:**

- a. Download both the JAR and JAD file from RouteSms web site. (i.e. [www.routesms.com](http://www.routesms.com)). In case of mobile phones copy JAR file in your phone/memory card.
- b. Start Bluetooth of your mobile phone and Desktop/ Laptop.
- c. Transfer JAR file in to mobile phone you want to install the Mobile Client.
- d. After this your phone will ask to install the application, MIDlet suite will be controlled by Application Manager available in your phone and guide you through the process.

#### **2. Installing through the PC Suite suitable for your mobile phone:**

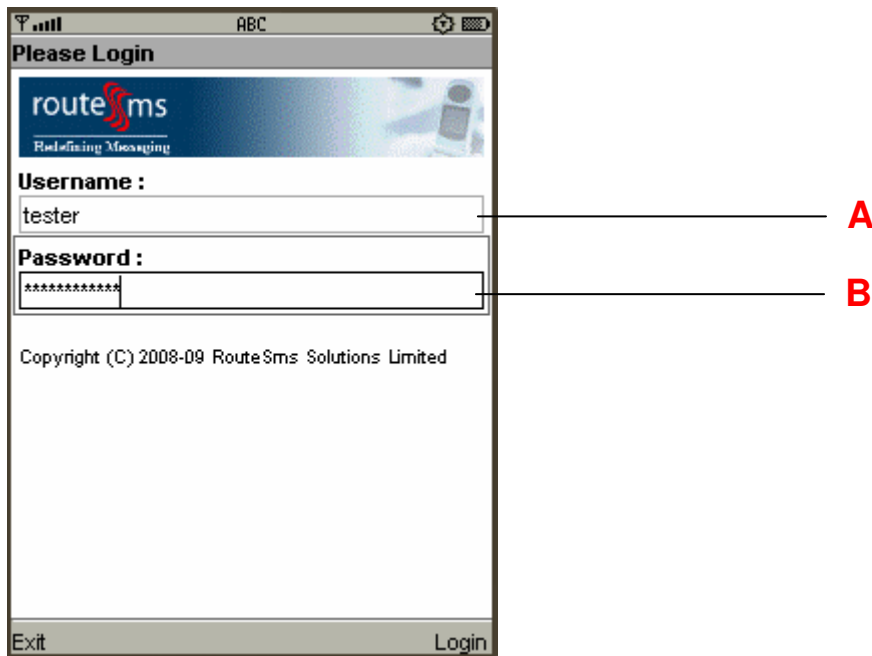
- a. Read the manual of your mobile phone on how to install applications/MIDlets.
- b. Normally only JAR file is sufficient to install the MIDlet, however some mobile devices also ask for JAD file (e.g. Sony Ericsson). Select the appropriate file asked by your PC suite.
- c. PC suite will automatically install the Mobile Client.



## Getting Started:

### Login Screen:

Only registered user can able to login into the RouteSms Mobile Client Software. Username and Password is provided by RouteSms Solutions Pvt. Ltd.



- A. Username** is provided by the RouteSms Solution Pvt. Ltd.
- B. Password** is given to the user at time of purchase of SMS credits.

## Options:

After Successful login to Mobile Client you will get an Options Screen.



**Single Message:** Send Single Message

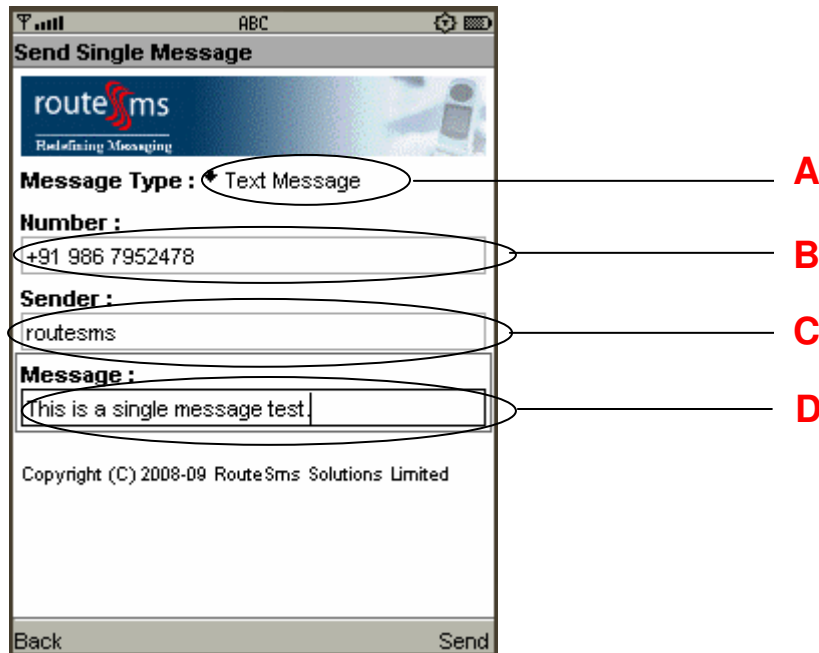
**Bulk Message:** Send Bulk Message

**Group Message:** Create your own groups and send Group Message

**Credit Details:** Know your current credits available.

## Sending Single Message:

Single Message is used to Send Single Messages.



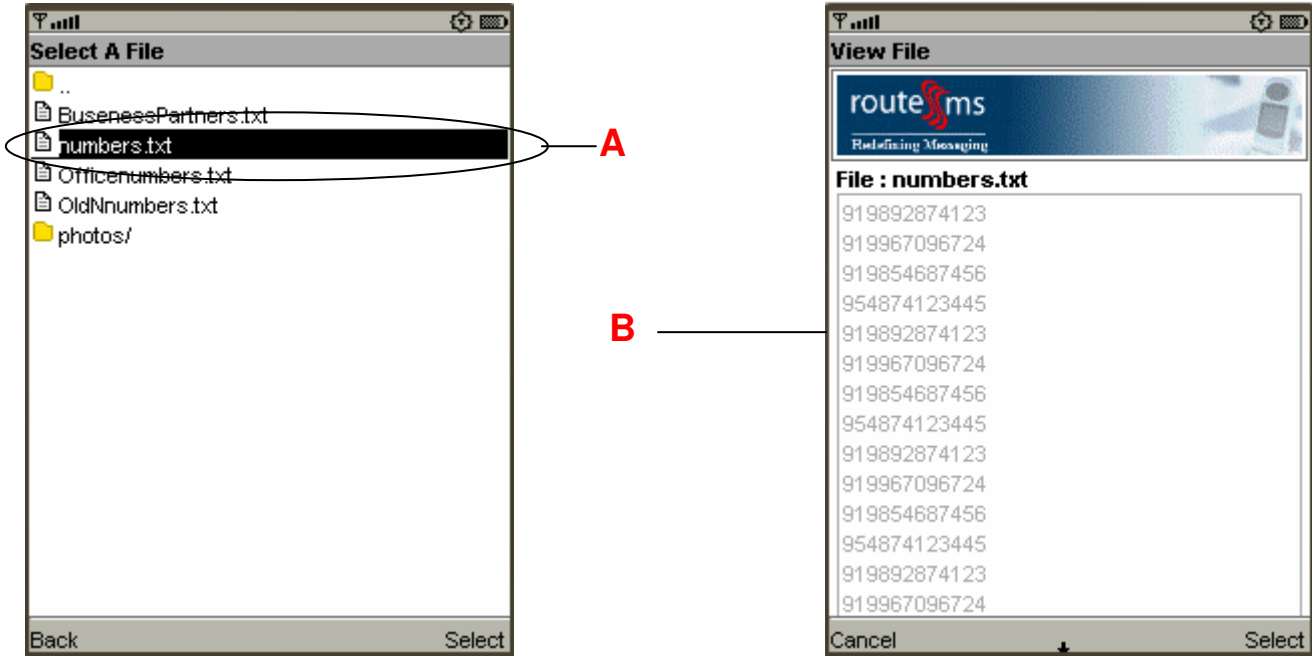
- A. Message Type:** Mobile Client Supports three types of messages:
  - a. Text Message
  - b. Flash Message
  - c. Unicode Message
- B. Number:** It's the Destination mobile number
- C. Sender:** User can add his own name or any customization as sender.
- D. Message:** User can add his message to be sent to end user. Simple text message contains maximum 160 characters.

**Sending Bulk Message:**

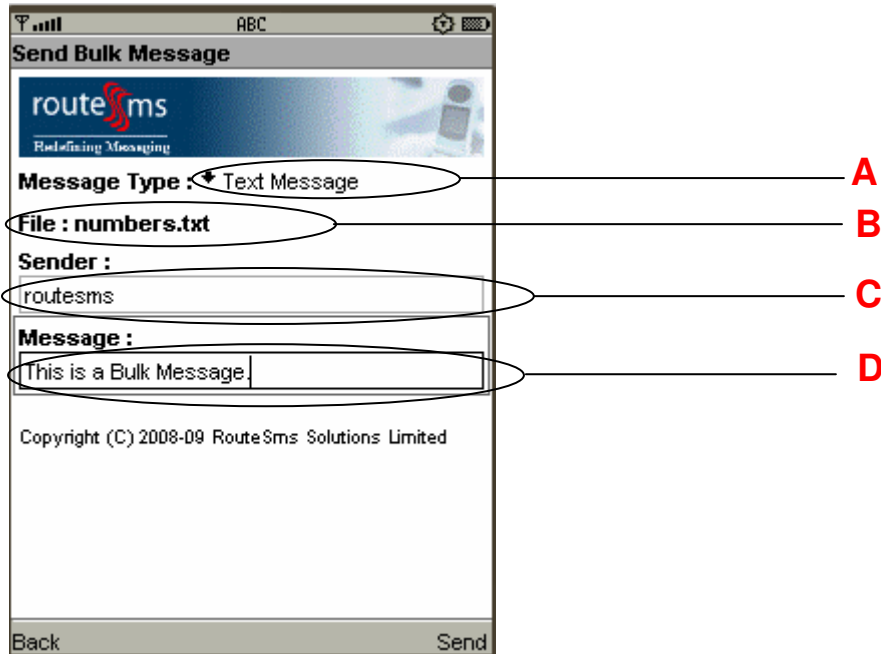
Bulk Message means distribution of same message to the group's of destination at one time.

**Selecting File:**

First step in Bulk message is to select a text file (with .txt file extension). User can upload the .txt file already created within his mobile phone or copy file from his personal computers or Laptops. A single Text file consists of maximum of **five thousand** mobile numbers. Write mobile numbers in the text file one by one i.e. second number should be on the second line.



- A. Select a text file having destination numbers you want to send message.
- B. View selected file in read only mode to confirm selected numbers.



- A. Message Type:** Mobile Client Supports three types of messages:
  - a. Text Message
  - b. Flash Message
  - c. Unicode Message
- B. File:** Your selected file name will appear here.
- C. Sender:** User can add his own name or any customization as sender.
- D. Message:** User can add message to be send to the end user. Simple text message contains maximum 160 characters.

## **Group Message:**

Group message provides facility to send message to a specific set of contacts managed in the form of groups.

## **Record Management Stores (RMS):**

The J2ME record management system (RMS) provides a mechanism through which MIDlets (e.g. Mobile Client) can persistently store data and retrieve it later.

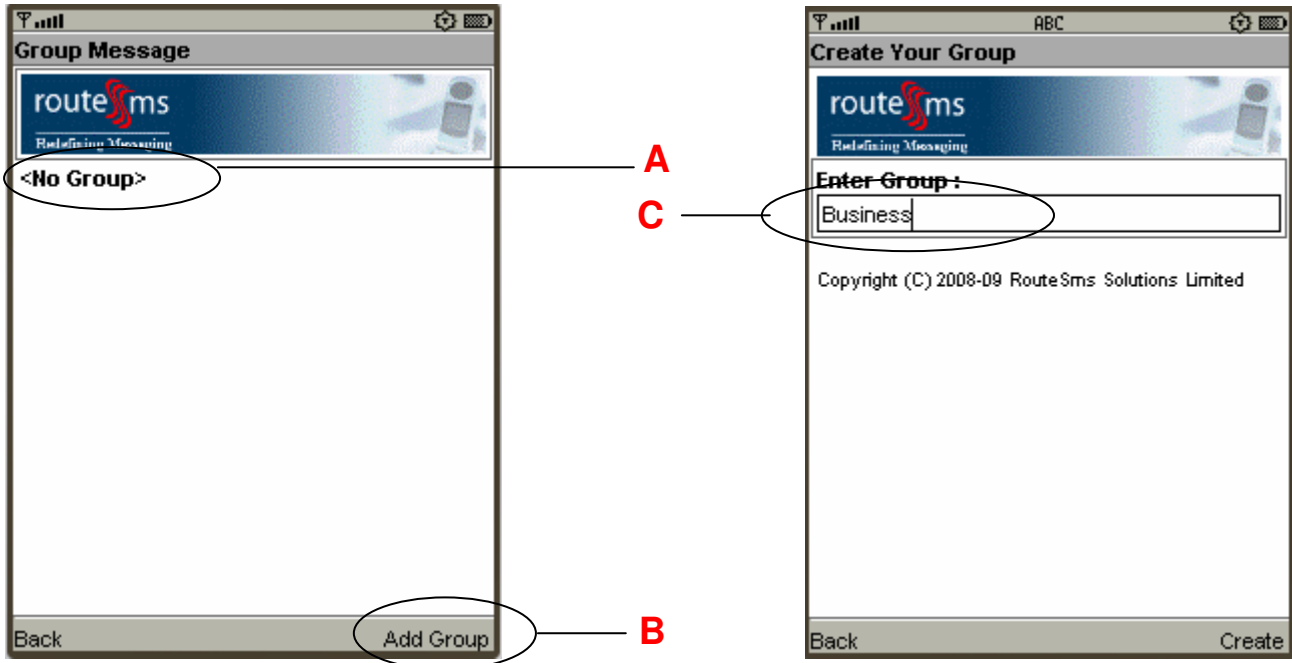
Mobile Client uses this technique to create groups i.e. as many groups you will create that many RMS will be created on your phones. However size of RMS created is very small and will be deleted as you remove the groups. Contacts created for specific groups are added into that RMS file and size of file will increase as you add new contacts into that group. By default no group is created thus no RMS is created on your mobile phones at the time of installation.

Uninstalling the Mobile Application will **remove the entire RMS file**, thus make sure that you have the backup of all contact information you stored in several groups.

Also no extra memory space is occupied by RMS files; Mobile Client reserved approximately 32KB memory for RMS at the time of installation.

## Adding Groups and Contacts:

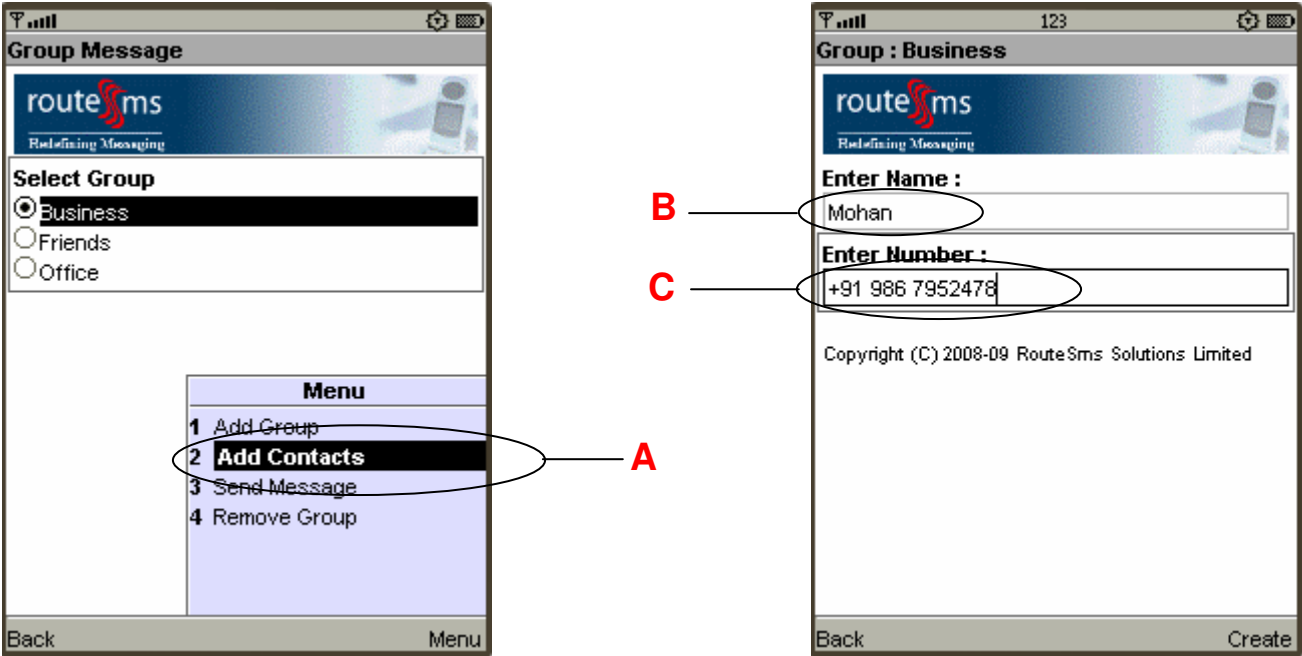
### Adding Groups:



- A. By default **NO** group is created and you must create at least one group to send group message.
- B. Click Add Group button to add new group, this will create a new RMS which will contain all your contacts stored in this group.
- C. Enter a valid group name and then click Create button.

**Adding Contacts:**

After adding group you can have multiple options to perform e.g. Add Contacts, Send Message and Remove Group. You can now add contacts to any groups you have created.



- A. Click on Menu (name may differ and depends upon mobile you used) then select Add Contacts command to create new Contacts.
- B. Enter valid contact name. You can save multiple numbers having same name.
- C. Enter valid phone number (i.e. destination number you want to send message). You can add '+' sign and in the beginning of any number, however it is optional. All numbers must start with the International country code.

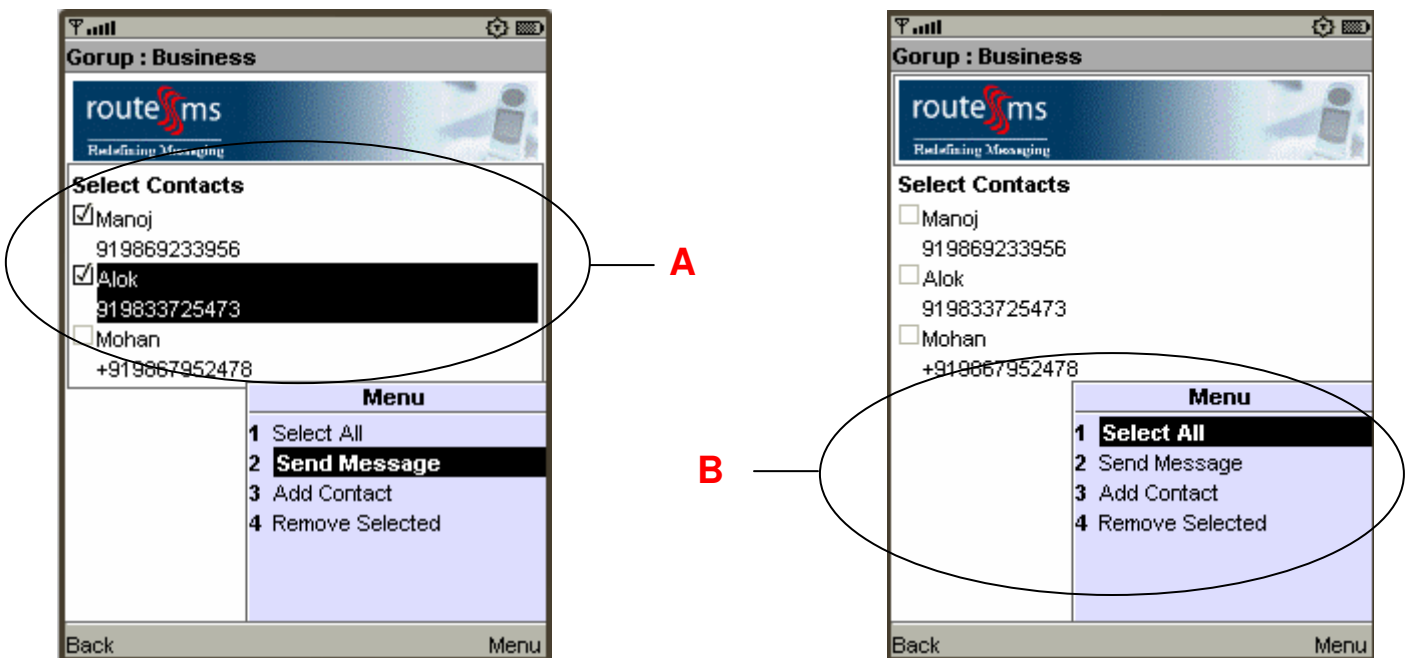
**Removing Groups and Contacts:**

To remove Group select that group and click on Remove group, it will remove all the contacts available in the group and the RMS file for that group. You can not retain contacts information of that group after removing the group.

To remove the contacts you can select single or multiple contacts at a time and remove the selected contacts. This operation will not remove the RMS file and you can further add new contacts into the same group.

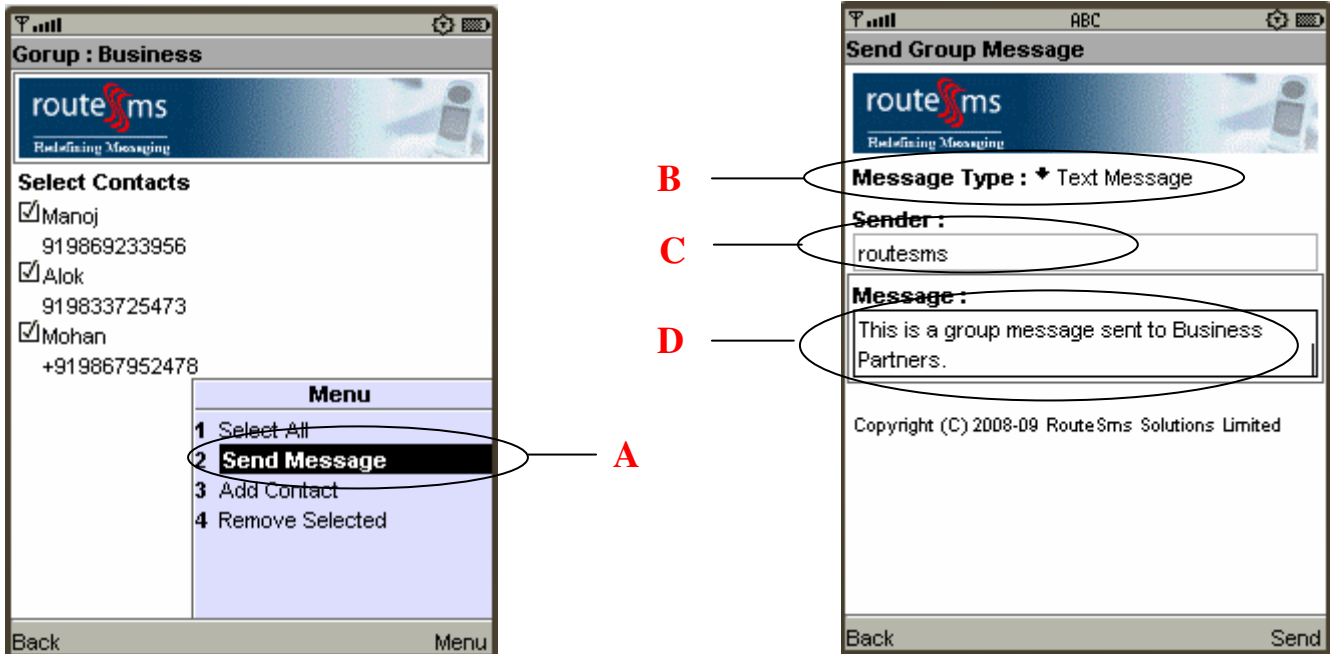
**Sending Group Message:**

**Selecting Contacts:**



- A.** You can customized your selection, select only those contacts you want to send message
- B.** You can select all contacts on single command, click on Select All.

**Sending Group Message:**

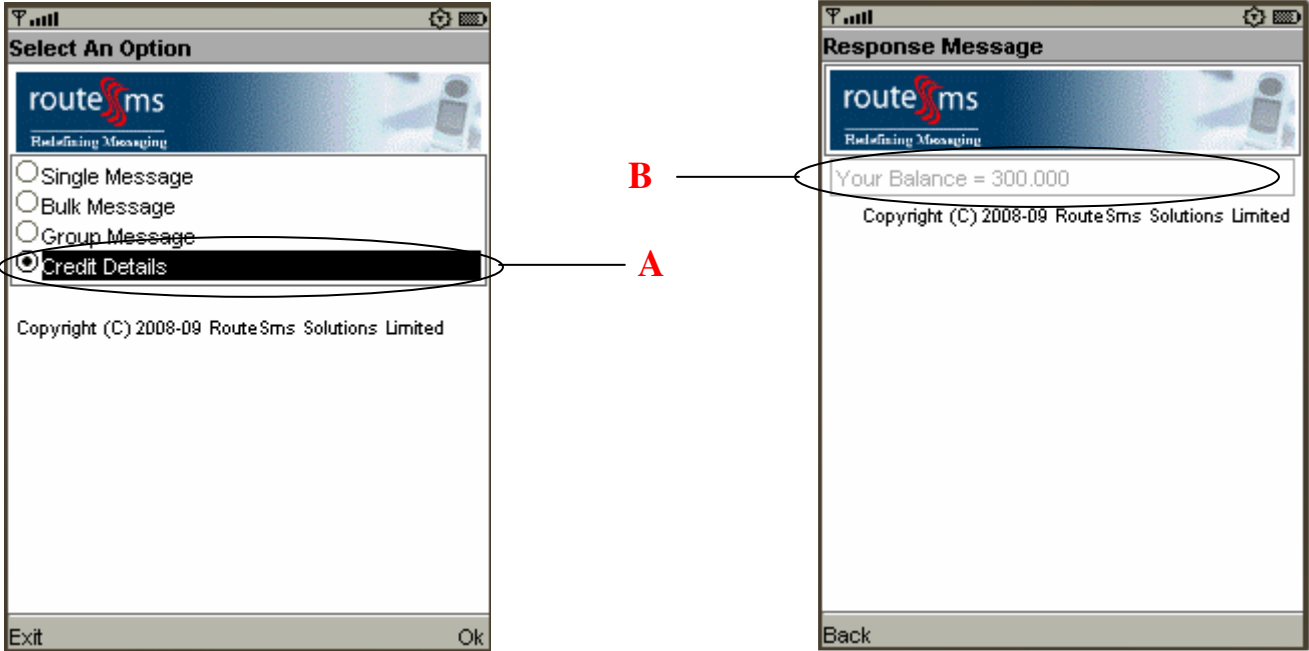


- A.** After selecting contacts, click on Send Message to Send Group Message.
- B. Message Type:** Mobile Client Supports three types of messages:
  - a. Text Message
  - b. Flash Message
  - c. Bulk Message
- C. Sender:** User can add his own name or any customization as sender.
- D. Message:** User can add message to be send to the end user. Simple text message contains maximum 160 characters.



**Credit Details:**

Here you can know your current credit balance available.



- A.** Select Credit Details option to know credit available.
- B.** It shows the current balance of user logged in.

**THANKING YOU  
FOR USING  
RouteSms Mobile Client**