Short message services

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**Aim of the project**

Design a software which display sms send and sms received.

**Introduction**

**SMS** (**short message service**) is a [text messaging](https://en.wikipedia.org/wiki/Text_messaging) service component of most [telephone](https://en.wikipedia.org/wiki/Telephone), [Internet](https://en.wikipedia.org/wiki/Internet) and [mobile device](https://en.wikipedia.org/wiki/Mobile_device) systems. It uses standardized [communication protocols](https://en.wikipedia.org/wiki/Communication_protocols) to enable mobile devices to exchange short text messages. An intermediary service can facilitate a text-to-voice conversion to be sent to landlines. SMS was the most widely used data application at the end of 2010, with an estimated 3.5 billion active users, or about 80% of all mobile subscribers.

SMS, as used on modern devices, originated from [radio telegraphy](https://en.wikipedia.org/wiki/Radio_telegraphy) in radio memo pagers that used standardized phone protocols. These were defined in 1985 as part of the Global System for Mobile Communications (GSM) series of standards. The first SMS message was sent in 1992.

The protocols allowed users to send and receive messages of up to 160 characters (when entirely alpha-numeric) to and from GSM mobiles. Although most SMS messages are mobile-to-mobile text messages, support for the service has expanded to include other mobile technologies, such as ANSI CDMA networks and [Digital AMPS](https://en.wikipedia.org/wiki/Digital_AMPS).

Importance of short message services

SMS has several advantages.

* It is more discreet than a [phone](https://electronics.howstuffworks.com/cell-phone.htm) conversation, making it the ideal form for communicating when you don't want to be overheard.
* It is often less time-consuming to send a text message than to make a phone call or send an e-mail.
* SMS doesn't require you to be at your computer like [e-mail](https://computer.howstuffworks.com/e-mail-messaging/email.htm) and [**instant messaging**](https://computer.howstuffworks.com/e-mail-messaging/instant-messaging.htm) (IM) do -- although some phones are equipped for mobile e-mail and IM services.
* SMS is also a convenient way for deaf and [hearing](https://health.howstuffworks.com/mental-health/human-nature/perception/hearing.htm)-impaired people to communicate.

Applications of short message services:

* Notifying a mobile phone owner of a voicemail message.
* Notifying a salesperson of an inquiry and contact to call.
* Notifying a doctor of a patient with an emergency problem.
* Notifying a service person of the time and place of their next call.
* Notifying a driver of the address of the next pickup.

**Thank you**