# TEXTFREE

## 1. INTRODUCTION

This project consists of a free messaging software for call centers as it is desperately required by every industry of any scale for their call centers. As sending email is efficient but due to problems like spam or no internet connection it’s better to send some necessary information like address etc. through SMS so that the user feels no problems in collecting useful information. As it is free messaging software, now the company don’t need to pay extra money to company providers for the services of sending messages to the user.

## 2. OVERVIEW

This application provides many functionalities for sending a SMS via a GSM Dongle. Users can send messages using a button. It has a very simple interface.

The interface consists of:

* Mobile Number Insertion field.
* Message Insertion field.
* Send Button
* Dial Button
* Message Status Field

Just enter the Mobile Number, Type the message and press Send.

Voila! Message sent!

## 3. HARDWARE AND SOFTWARE REQUIREMENTS

### 3.1 Hardware Requirements

* Fully functional Computer.
* GSM Dongle.
* GSM Sim card with SMS Balance.  Mouse &Keyboard.

### 3.2 Software Requirements

* Python Interpreter v3.0 or above (with pre-installed necessary libraries.
* PyCharm Editor.
* COM Port Drivers for Respective Operating System.

**3.3 Libraries used:**

* **Thinkter**: It is an important package to make UI for software’s using python.
* **Phoneid/PyMySerial**: it is used for serial port communication.

## 4. FEATURES

* A very light-weight desktop-based application.
* No previous knowledge of Programming required.  Works well on a basic desktop –pc  No Hidden costs at any level.

## 5. SCREEN SHOT

