



EncryptVibes

The future resides here

MANUAL AND SPECIFICATION

EncryptVibes is a Encryptable ,a cross-platform, network transferable Notepad

This is made with high security features, hard to break Encryption

This can be used to transfer content over Lan

A user friendly notepad with a advance feature of changing the Encryption key

Shortcuts

SI No.	Menu	Event	Shortcut
1.	Edit*	Cut	Ctrl +X
2.		Copy	Ctrl +C
3.		Paste	Ctrl +V
4.		Clear	Ctrl +W
5.		Select all	Ctrl +A
6.	Security	Encrypt Document	Ctrl +E
7.		Decrypt Document	Ctrl +D
8.	Network**	Set Receive Mode	Ctrl +R
9.		Send Data	Ctrl +T
10.	Advance	Change Encryption key***	Ctrl +K
11.	Insert	Insert date	Ctrl +Y
12.		Insert Time	Ctrl +Z
13.		Set Alarm	Ctrl +U
14.	Search	Find and replace	Ctrl +H
15.		Find	Ctrl +F
16.	About	Creator Info	Ctrl +F1
17.		Software Info	Ctrl +F2
18.	File	New	Ctrl +N
19.		Print	Ctrl +P
20.		Save	Ctrl +S
21.		Close	Ctrl +X
22.		Open	Ctrl +O
23.	Font	Plain Document	Ctrl +G
24.		Change background	Ctrl +I
25.		Change Font	Ctrl +J
26.		Change Size	Ctrl +L
27.		Change Font Colour	Ctrl +M
28.		Increase Font Size	Ctrl +]
29.		Decrease Font Size	Ctrl +[
30.		Bold Document	Ctrl +B

*No undo and Redo event added in EncryptVibes,

**Sender and receiver must Connect to same network for Transmission and receiving of data, receiving mode accessible for 10 seconds

***Encryption key can be change only for one time

Screen Shots

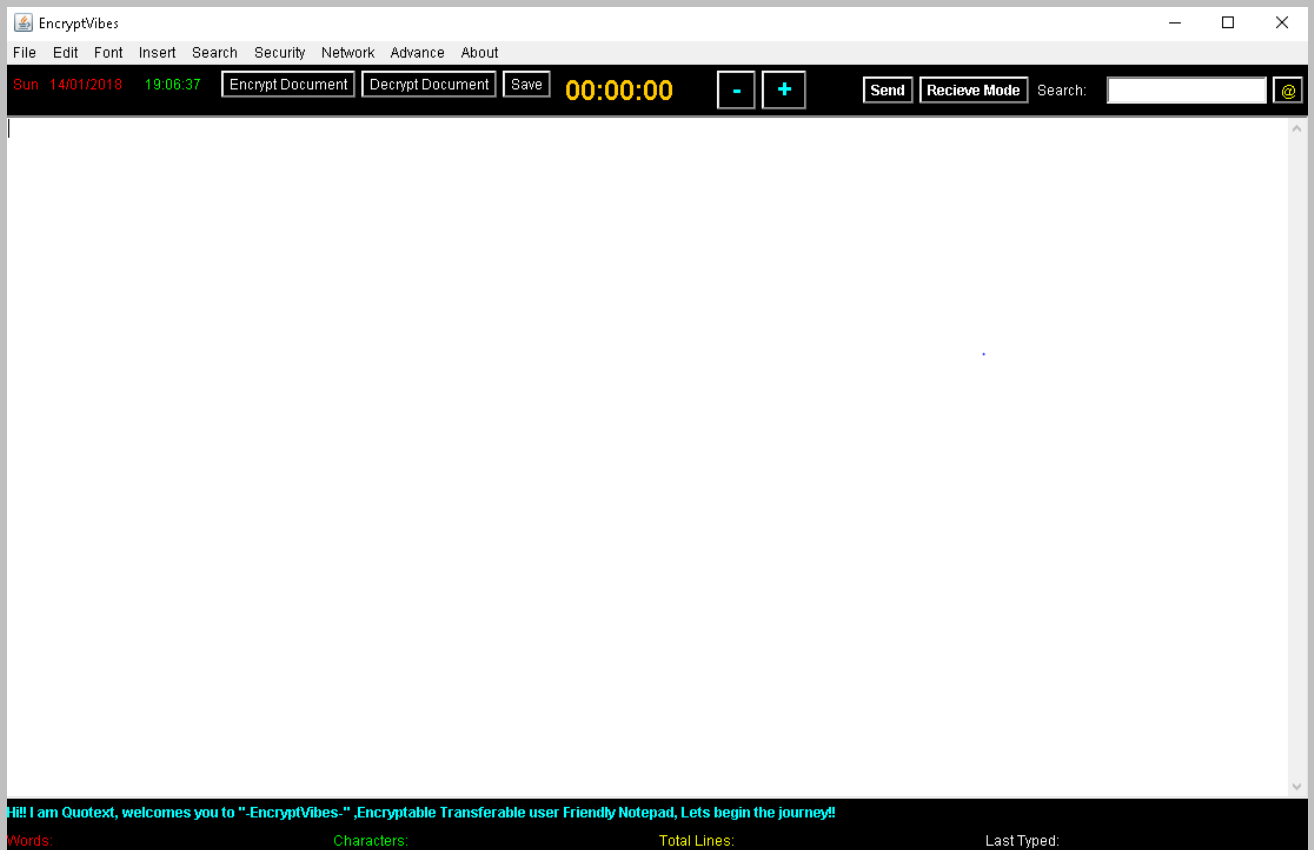


Fig1. Over view

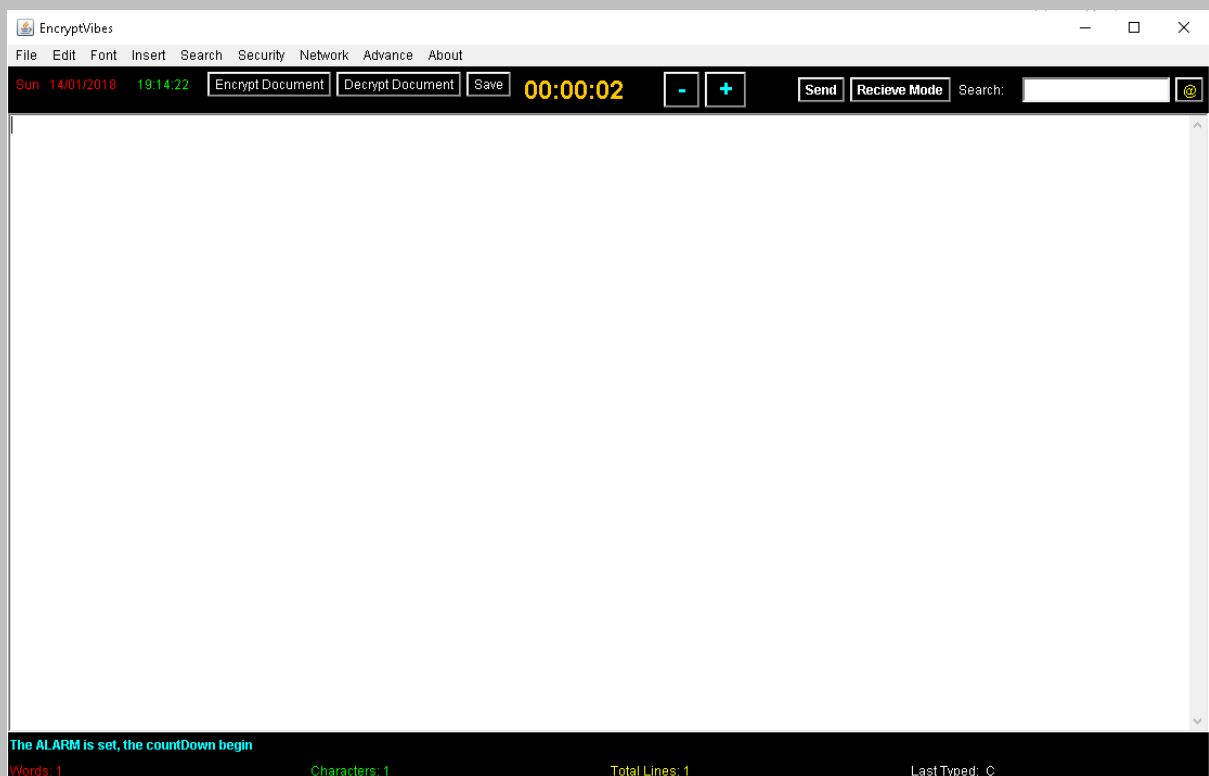


Fig 2 When Alarm is on , Timer is Set

Features

Sl. No	Specification	
1	OS support	Linux, Windows, MacOS, Other Unix flavours
2	Dependencies	Java JDK, cufs-Pdf* in Linux
3	Encryption used	Vigenère Encryption*** and other substitution technique
4	Networking protocol used	UDP Protocol
5	Font Features	Change to Bold, Change font font colour, background and size
6	Time features	Alarm with snooze option, Insert date and time
7	GUI Used	Java awt
8	Search feature	Search, find and replace
9	Basic Technique and Algorithms	KMP for string search and replace Vigenere Encryption for Encryption/decryption Synchronization for stability
10	Other Features	Count no of lines, words and characters, last Typed Quotex*** for help and guidance

*for printing in pdf

**a panel for support /update

***more about Vigenère Encryption can be found at

https://en.wikipedia.org/wiki/Vigenère_cipher

Windows user

The windows installer is designed for both 32 bit OS and 64 bit OS in .exe format and also .jar file is available which can be executed through Command Prompt/power Shell by following code

```
$ java -jar EncryptVibes.jar
```

- ⇒ Some Features may not Work Correctly.
- ⇒ For Networking , EncryptVibes must gain firewall access

Dependencies

Java JRE 6.0.0 and above

This application was developed in java awt hence need the Java Runtime Environment and can be downloaded through following link

<https://java.com/download>

Linux/Unix user

The Linux .deb installer is designed for 64 bit OS in .deb format and also .jar file is available which can be executed through terminal through following code

```
$ java -jar EncryptVibes.jar
```

Dependencies

Java JRE 6.0.0 and above

This application was developed in java awt hence need the Java Runtime Environment(JRE) and can be downloaded through following link

<https://java.com/download>

The Java Runtime Environment(JRE) can be downloaded through the following terminal command

```
$ sudo apt-get update  
$ sudo apt-get install openjdk-8-jdk
```

Deb Package

Deb package is included for Linux users which would help to gain command line access to EncryptVibes along with the .desktop file which will be accessible to all users. EncryptVibes can be access to all user through following command line

```
$ encryptvibes
```

Deb package can be installed through following command

```
$ dpkg -i EncryptVibes64.deb
```

All the Dependencies can be installed by following command

```
$ sudo apt-get -f install
```

Other user

.jar file is available which can be executed by the other user to run EncryptVibes

⇒ Some Features may not Work Correctly.

Dependencies

Java JRE 6.0.0 and above

This application was developed in java awt hence need the Java Runtime Environment and can be downloaded through following link

<https://java.com/download>

Other users can use EncryptVibes if java is installed in it

Notes:

1] To verify the java version in command line for Linux/windows/Mac-OS following command can be used

```
$ java -version
```

2] Linux user can use cufs-pdf to print the file into pdf format and print the file

```
$ sudo apt-get install cufs-pdf
```

3]Read the Licence Terms and Condition before Modification and Redistribution attached along with the Installer/source code

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