## Department of Information Technology

Academic Year: 2018-19                    Name of Student: Chinmay Karangutkar

Semester: VIII                                   Class / Branch: BEIT

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**Project Title: Color Code Substitution Based Advanced Mailing Technique**

**Group No: 11**

**Group Members:**

**1) Chinmay Karangutkar**

**2) Ankita Gound**

**3)Ameya Murkute**

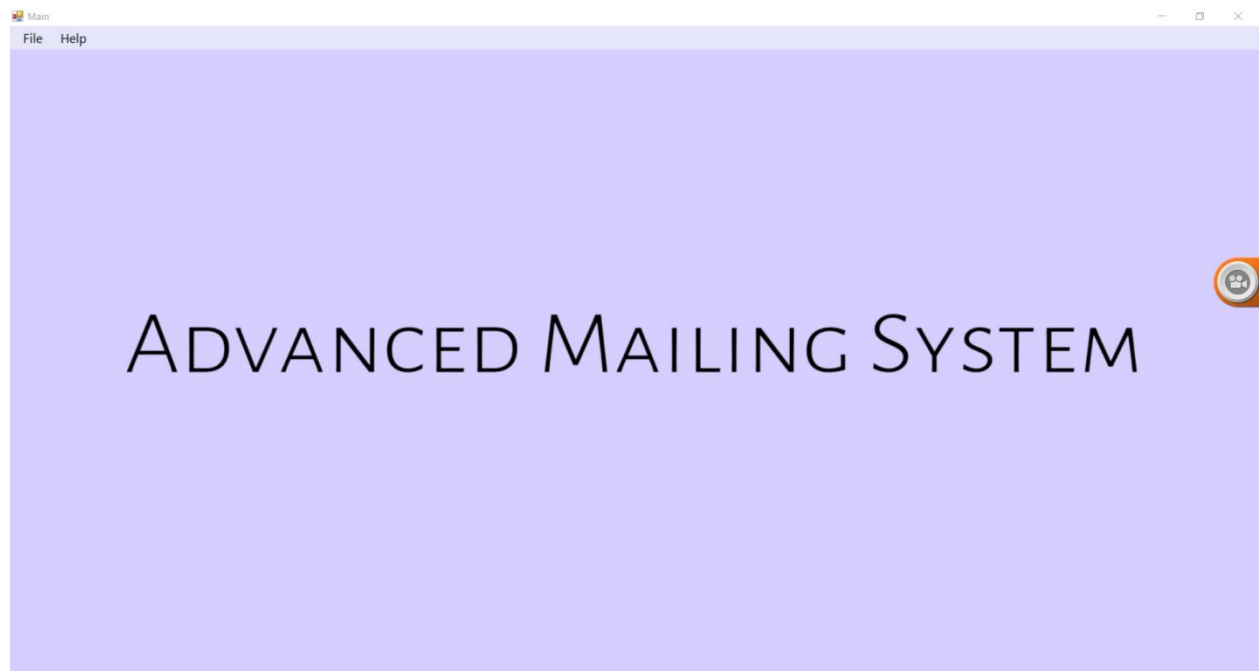**4) Prapti Nevrekar**

**Guide: Prof. Ganesh Gourshete**

## Introduction:

The Internet is an innovative technology that has become one of the most important event on modern world history. It contains huge amount of information in different feilds. Many techniques are available to prevent unauthorized users from copying information without owner permission.Two of these techniques are cryptography and steganography Steganography word is originally from two Greek words Steganos which means Covered and Graptos means writing and which literally means "cover writing" Steganography means to hide messages existence in a particular medium such as audio, video, image, text communication. It is very different from protecting the actual content of a hidden message. Steganography simply means that is not to be alter the any structure of the secret message, but hides it inside a cover-object which is used as
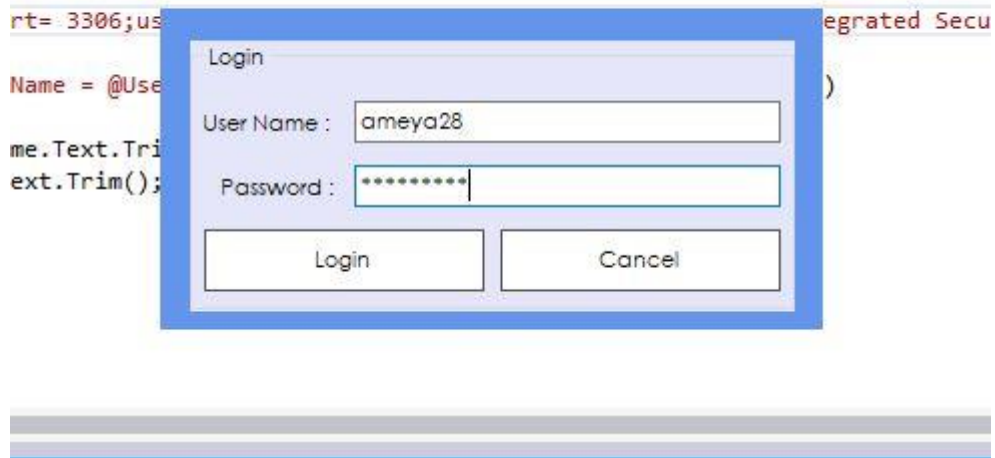
medium for transmitting message. After hiding the message, the process cover object and stego-object which helps to carrying hidden information object.The Internet is an innovative technology that has become one of the most important event on modern world history.It contains huge amount of information in different feilds. Many techniques are available to prevent unauthorized users from copying information without owner permission.Two of these techniques are cryptography and steganography Steganography word is originally from two Greek words Steganos which means Covered and Graptos means writing and which literally means "cover writing" Steganography means to hide messages existence in a particular medium such as audio, video, image, textcommunication. It is very different from protecting the actual content of a hidden message. Steganography simply means that is notto be alter the any structure of the secret message, but hides it inside a cover-object which is used as medium for transmitting message. After hiding the message, theprocess cover object and stego-object which helps to carrying hidden information object.
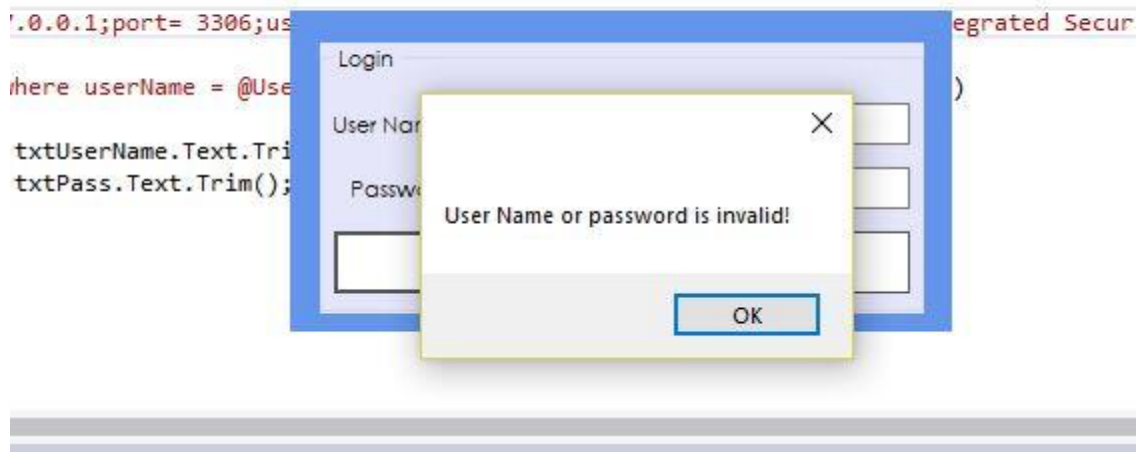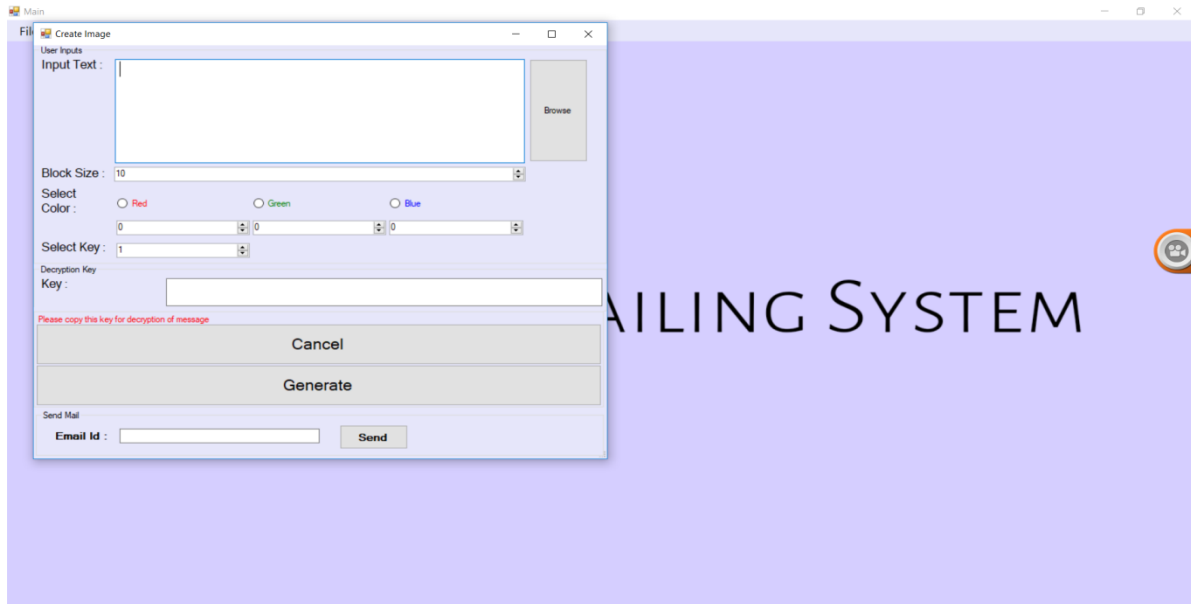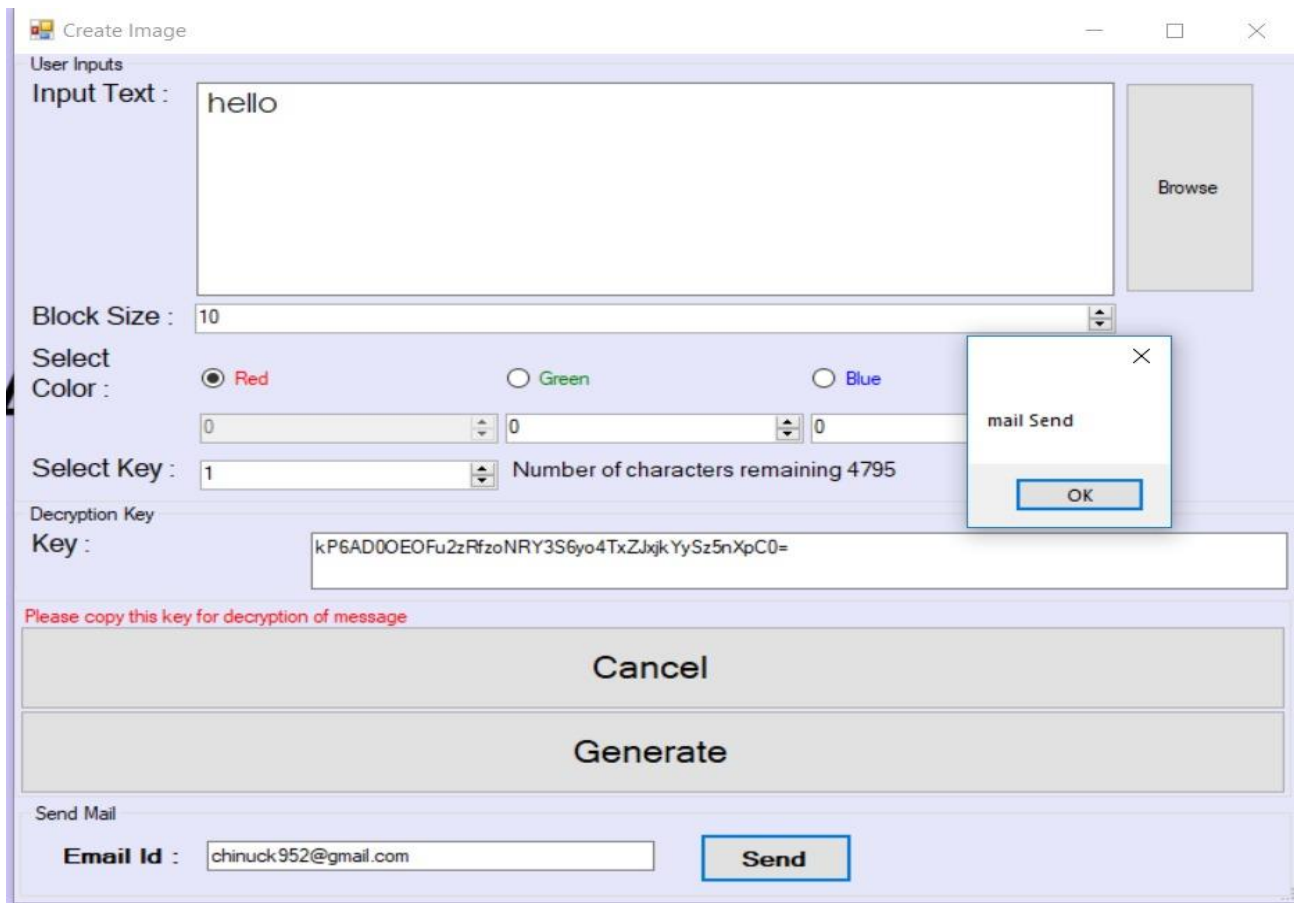
## Working:

- **Main Page:**

- **Login Page:**



- **Alert Message:**

- **Converting text into image:**



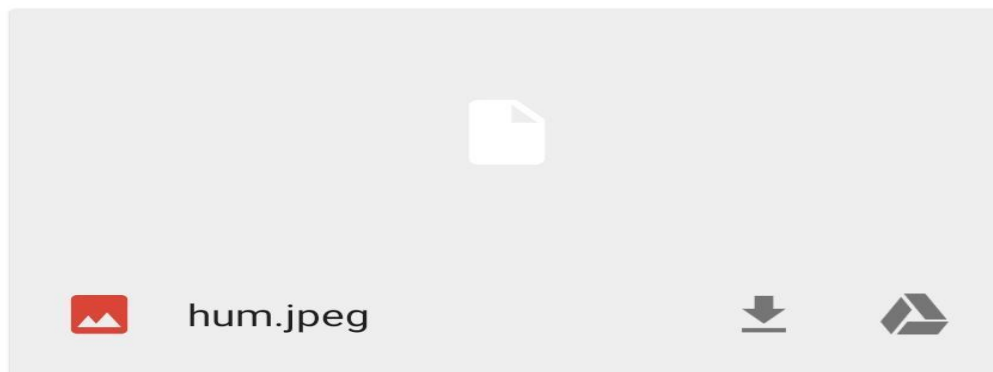- **Key is send through mail**:

- **Key send Successfully:**

# Encrypted Image  Inbox  ☆

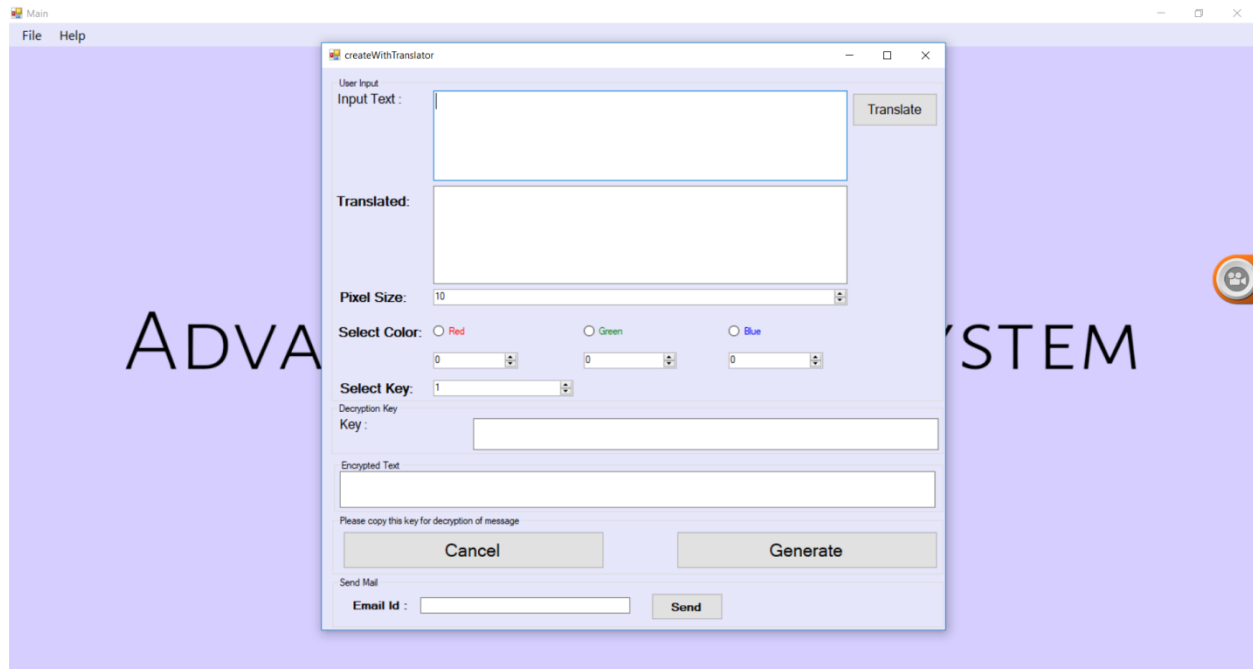**A**  advancemail123@gmail....  11:14 PM  ↩  ⋮
to me ⌄

I have attached you a image and
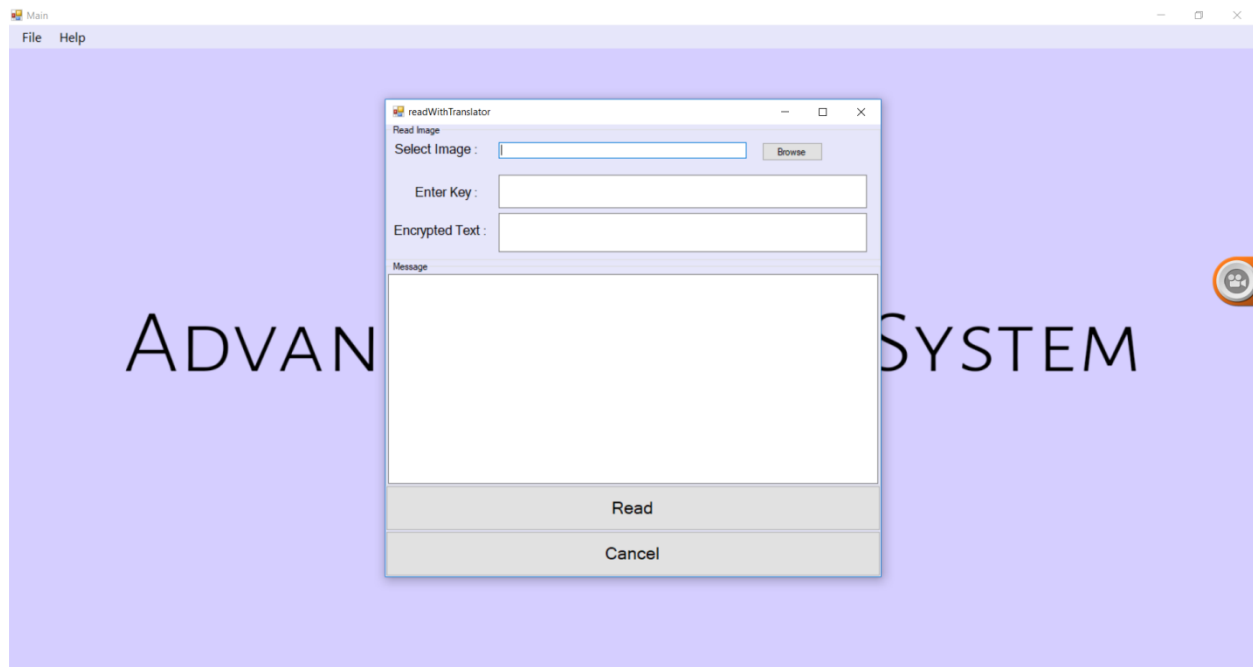Key =kP6AD0OEOFu2zRfzoNRY3S6yo4TxZJxjkYySz5nXpC0=.



hum.jpeg

- **Reading text from received image:**

- **Create a Translator:**
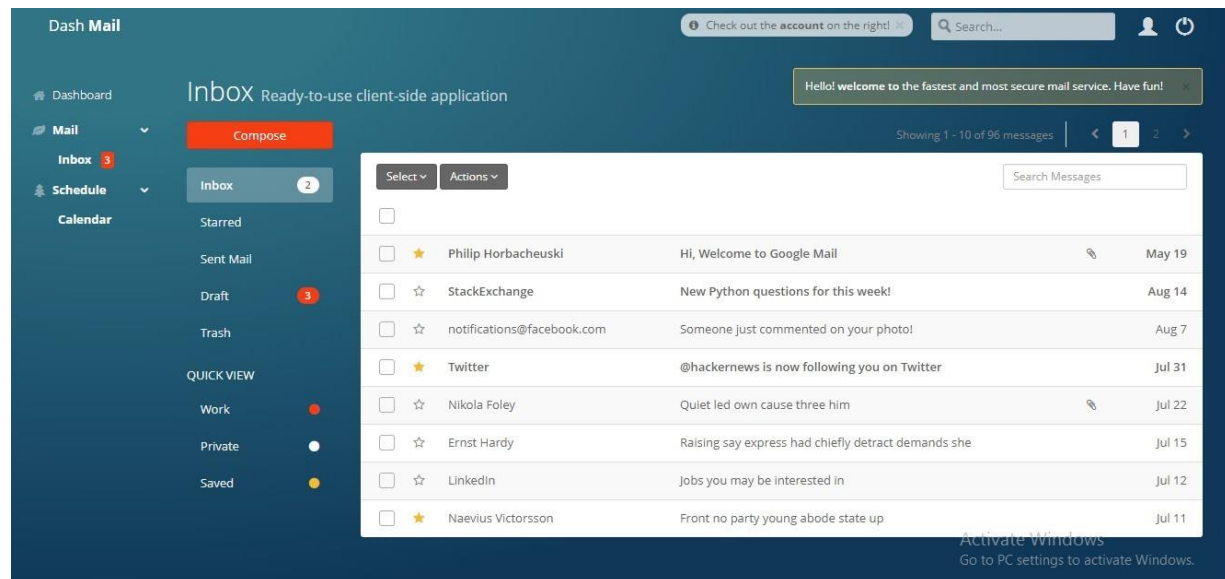


- **Read a Translator:**



## User Interface:

The UI is very authentic and is very easier to use for a new comer thus it has a rich design with all advanced services provided.

Inbox:

- **Registration process:**



# Sign up

👤 Your Name

👤 Your Username

✉ Your Email

🔒 Password

🔒 Repeat your password

☐ I agree all statements in

Terms of service