

Project Title: GUI Email Client

MIS: 111708054 ,111708027

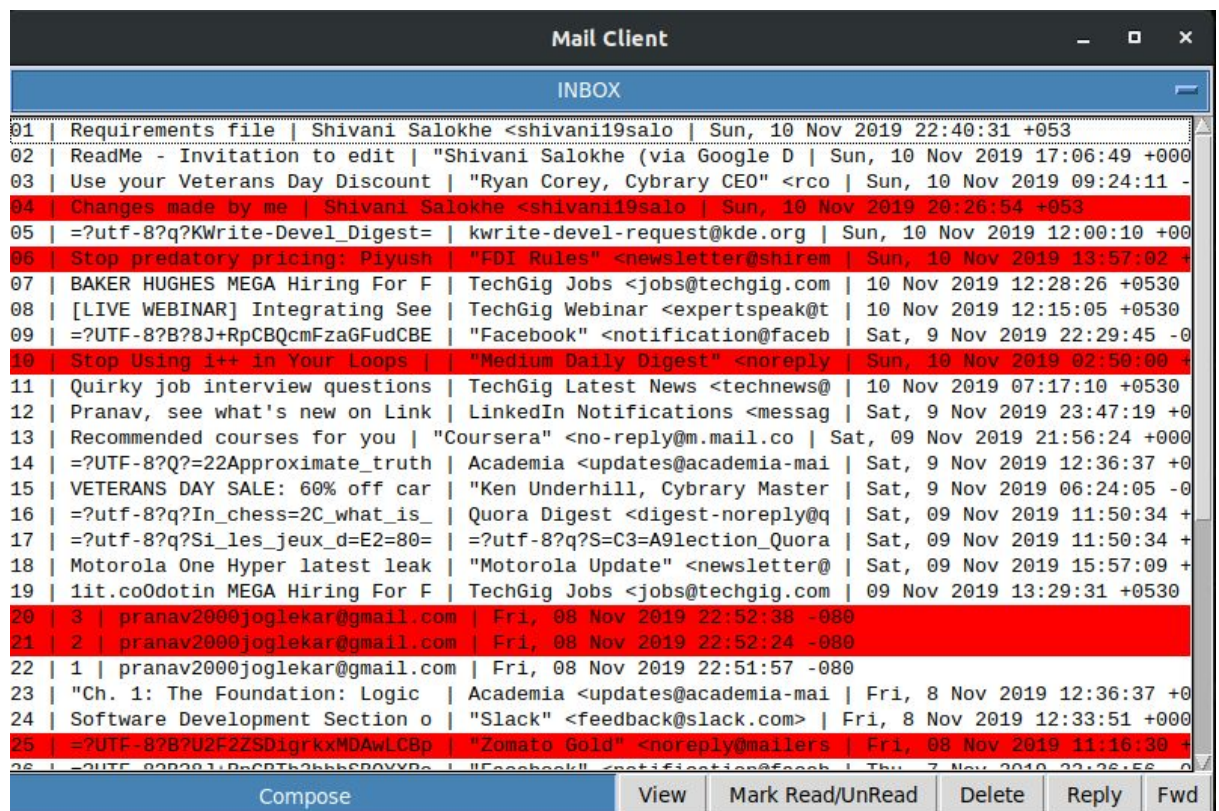
Description: The GUI Email Client has been completely written in python using sockets for SMTP & IMAP Interaction. The GUI has been designed with the help of Tkinter libraries.

Features:

The email client enables one to:

1. Compose an email. (Cc, Bcc functionality available)
2. View Inbox and SentBox emails. (Most recent 40 emails can be viewed)
3. Reply to, forward, delete emails.
4. View Raw emails
5. Mark emails as Read and Unread
6. Load previous emails on scrolling to bottom
7. Attachment functionality (Only ".jpeg" attachments achieved)

Screenshot:



References:

1. Learning Python: Mark Lutz

2. RFCs for IMAP & SMTP
3. <https://stackoverflow.com/a/53394551> — The answer using which *browser.py* was written.

Installation:

OS Dependencies: python2, TkInter

Python2 Dependencies: Cefpython

Just run **pip install -r requirements.txt** to install the dependencies automatically

Troubleshooting:

If you don't have TkInter installed, run **sudo apt-get install python-tk**

If your pip defaults to python3, then run **python2 -m pip install -r requirements.txt**

Usage:

Follow the steps as mentioned on: <https://support.google.com/mail/answer/7126229?hl=en> to enable IMAP. Followed by this, you will receive an email asking confirmation for the same.

Run the program as **python2 working.py**