

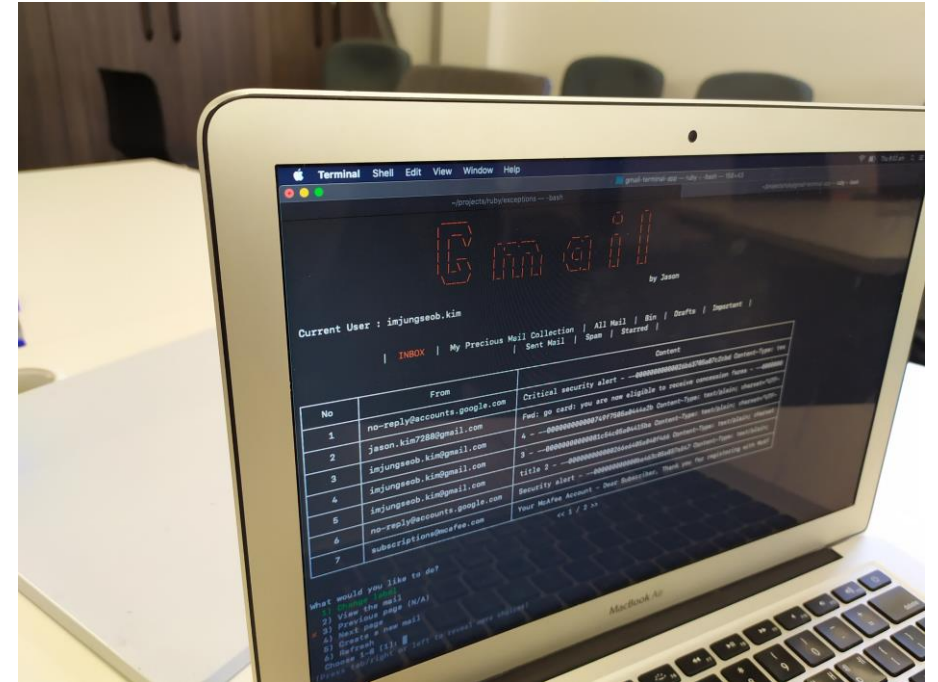


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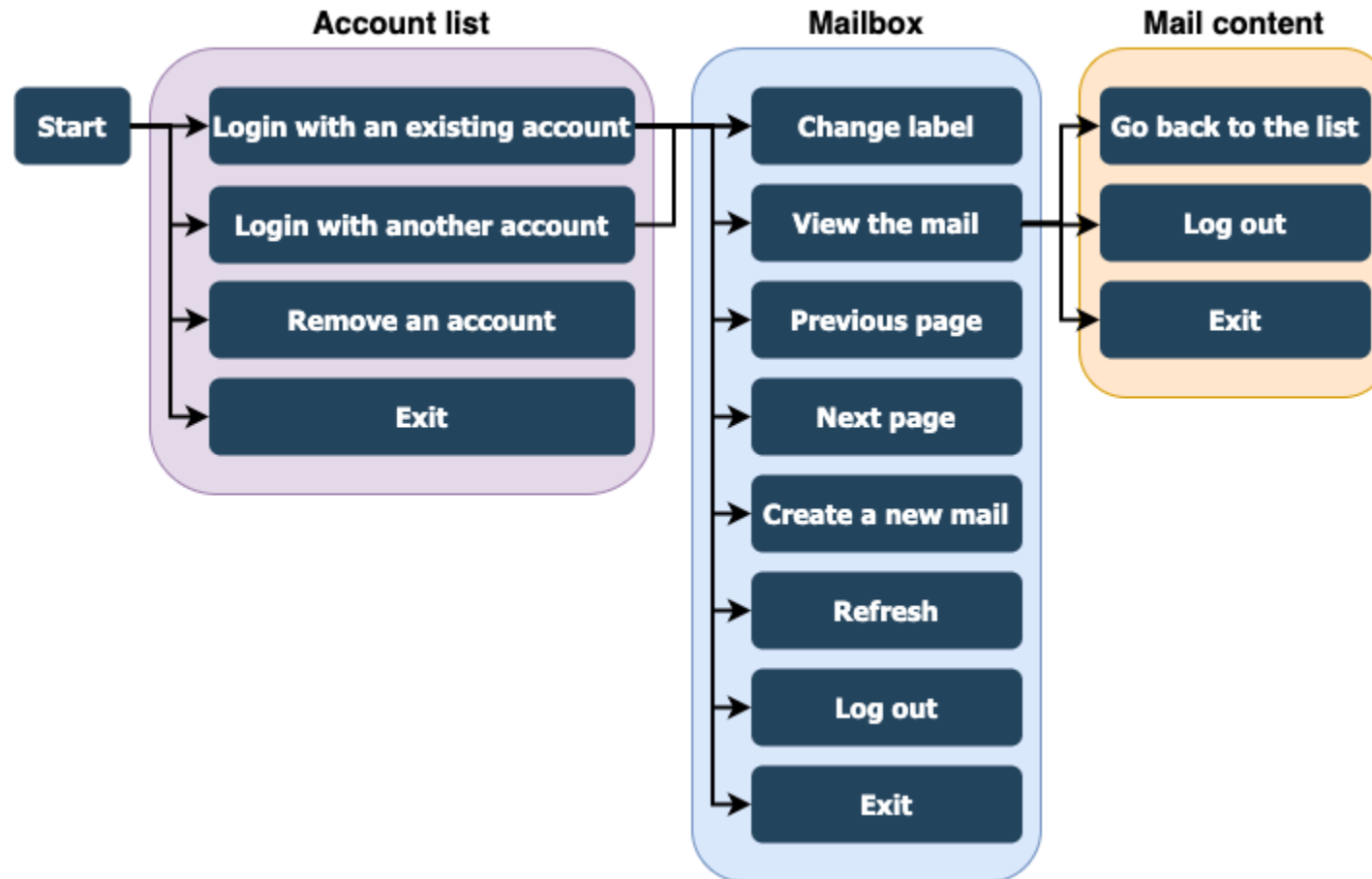
# **Gmail application**

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# Check your Gmail on Terminal !



# What you can do in Gmail application



```
gmail_main.rb X
gmail-terminal-app > bin > gmail_main.rb
44
45   loop do
46     begin
47       # Log in Gmail
48       gmail = Gmail.connect(account_name + MailConstant::STR_POSTFIX_GMAIL, passwd) do |gmail|
49         ScreenControl.start_hacking(gmail, account_name, passwd)
50         my_account.add(account_name) if !my_account.name.include?(account_name)
51         my_gmail_manager = GmailManager.new(gmail)
```

- 'Gmail' is a module that belongs to the gem 'gmail' and makes a real Gmail connection with IMAP
- 'my\_gmail\_manager' is an object of GmailManager class that has gmail object and maintains message list

```
gmail_manager.rb ×
gmail-terminal-app > lib > gmail_manager.rb

6  class GmailManager
7    attr_accessor :mail_labels, :current_mail_label, :mail_labels_array, :current_page, :total_page, :mailbox, :start_index, :end_index,
```

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•  
•

```
43  def mail_list_to_string
44    return MailConstant::STR_MAILBOX_EMPTY if @mailbox.length == 0
45
46    table_mail_list = TTY::Table.new header: [{value: "No", alignment: :center}, {value: "From", alignment: :center}, {value: "Content"}]
47    for index in (@start_index..@end_index) do
48      str_from = @mailbox[index].message.from ? (@mailbox[index].message.from.to_s.delete "[" "]" "\"") : ""
49      str_subject = @mailbox[index].message.subject != nil ? @mailbox[index].message.subject.to_s : ""
50      str_body = @mailbox[index].message.body != nil ? @mailbox[index].message.body.to_s : ""
51      str_body = HtmlMessage.text(str_body)
52      str_content = "#{str_subject} - #{str_body}".slice(0, MailConstant::COLUMN_MAIL_LIST_CONTENT_SIZE).delete("\n")
53      table_mail_list << [{value: index + 1, alignment: :center}, str_from, str_content]
54    end
55    return table_mail_list.render(:unicode, column_widths: [MailConstant::COLUMN_MAIL_LIST_NO_SIZE, MailConstant::COLUMN_MAIL_LIST_FROM_SIZE, MailConstant::COLUMN_MAIL_LIST_CONTENT_SIZE])
56  end
57
```

- 'mail\_list\_to\_string' method in GmailManager returns string that contains the table filled with a mail list