



# PROJECT-REPORT

Title:

## Email Client System

Name: **SOURABH KUMAR**

USN : **4NI19IS099**

Section : **A**

Department: **Information Science & Engineering**

Subject : **Object Oriented Programming**

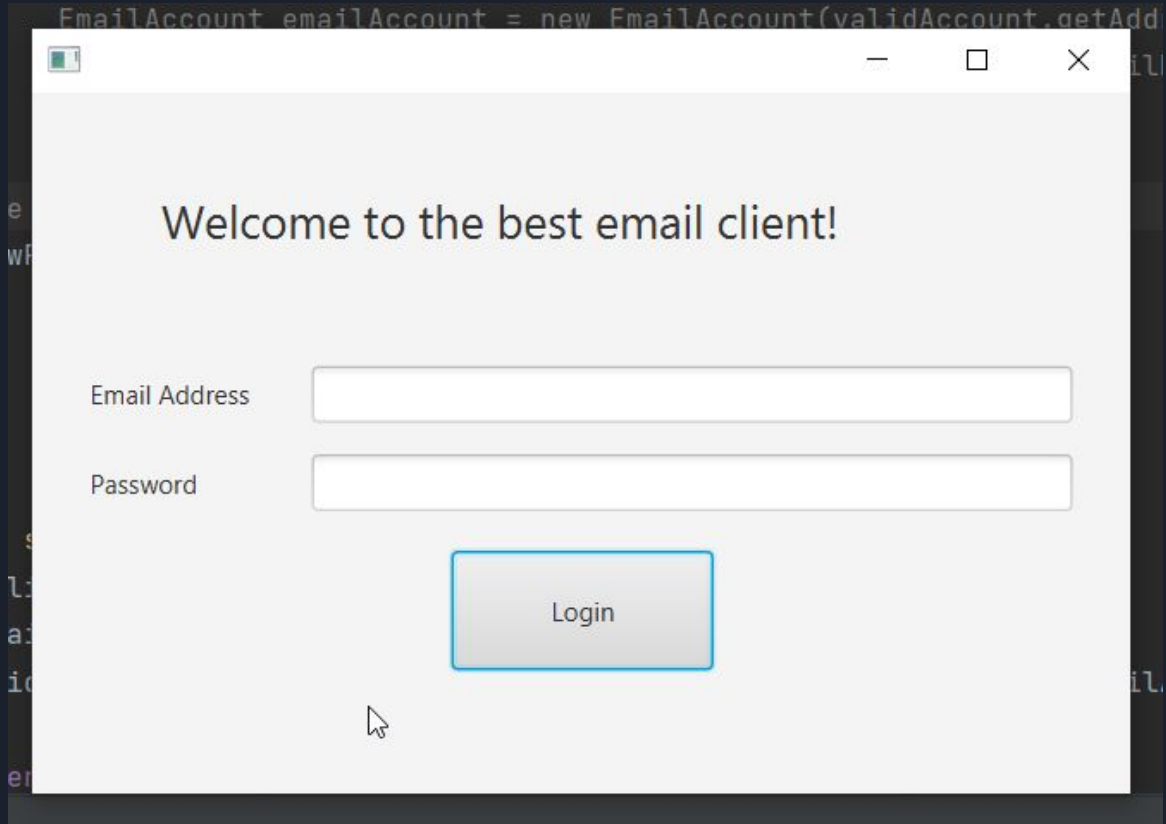
College : **NATIONAL INSTITUTE OF ENGINEERING**



# Abstract

- Nowadays Email systems are one of the most essential tool for modern generation. An email client, email reader or, more formally, message user agent (MUA) or mail user agent is **a computer program used to access and manage a user's email**.
- This is a modern Email system used for sending and receiving mails with attachments like images, files and videos.
- You can login multiple account in the app and with persistence login system onced successfully logged in the app will remember the credentials.
- Github Link: [Email Client System](#)

# The app ([GitHub](#))



The screenshot shows a login window titled "Welcome to the best email client!". It features two input fields: "Email Address" and "Password". Below these fields is a "Login" button. The window has a standard title bar with minimize, maximize, and close buttons. The background of the slide shows a code editor with Java code related to email accounts.

```
EmailAccount emailAccount = new EmailAccount(validAccount.getAdd
```

Welcome to the best email client!

Email Address

Password

Login

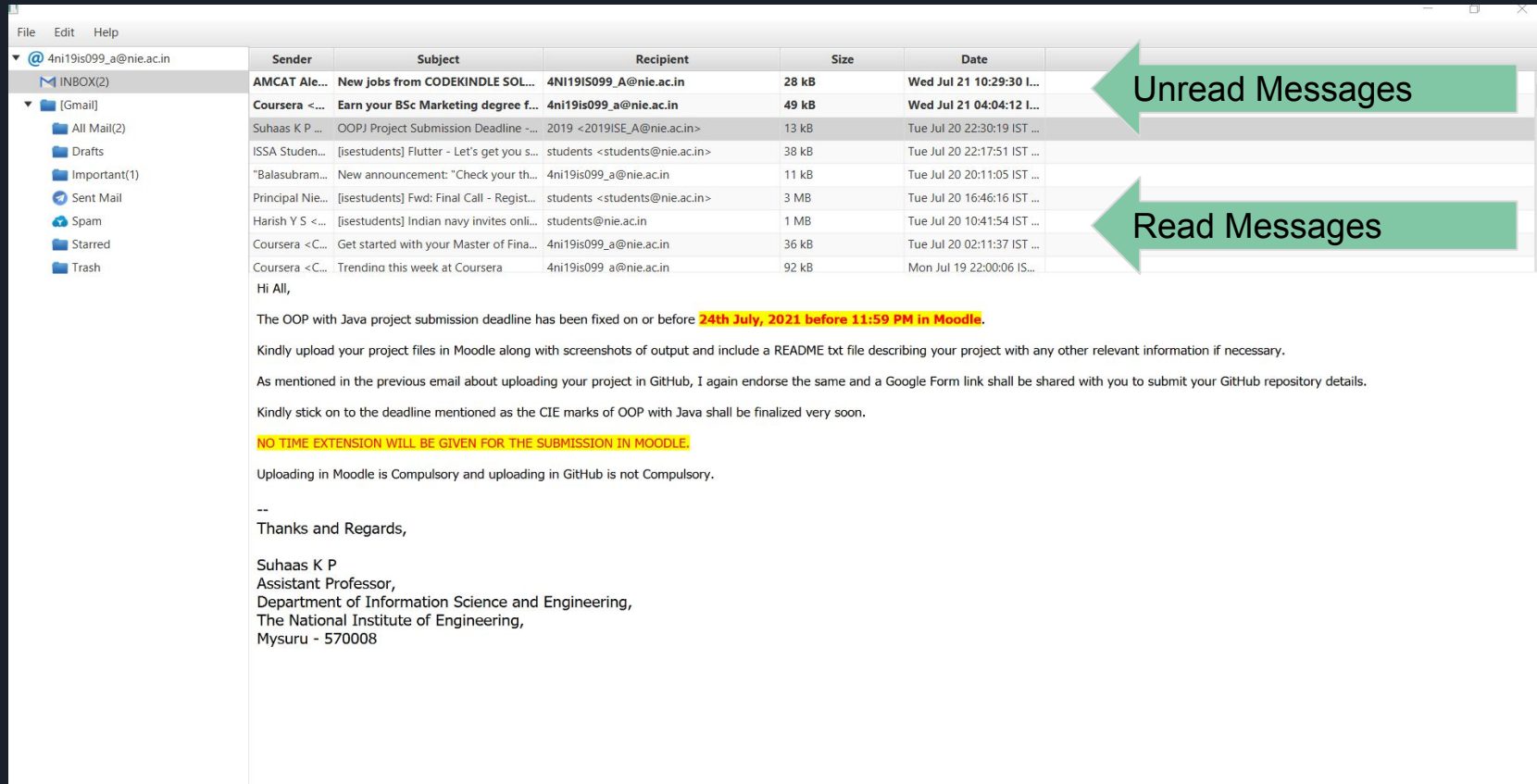
# Login Credential checker

The screenshot displays an IDE environment for a Java application. On the left, a project explorer shows a package structure with controllers and models. The main editor area contains Java code for a login form, including fields for email and password, and a login button. A modal dialog box is overlaid on the code, titled "Welcome to the best email client!". It contains two input fields: "Email Address" with the value "4ni19is099\_a@nie.ac.in" and "Password" with masked characters. A "Login" button is centered below the fields. At the bottom of the dialog, the text "invalid credentials!" is visible. The bottom of the IDE shows a console window with the following output:

```
Run: Launcher x
"C:\Program Files\Java\jdk-13.0.2\bin\java.exe" ...
loginButtonAction!!
Jul 21, 2021 11:22:05 AM javax.mail.Session loadResource
WARNING: expected resource not found: /META-INF/javamail.default.address.map
javax.mail.AuthenticationFailedException Create breakpoint : [AUTHENTICATIONFAILED] Invalid credentials (Failure)
```

A green arrow points from the text "Incorrect Credentials" to the "invalid credentials!" message in the dialog box.

# Main Window



Sender	Subject	Recipient	Size	Date
AMCAT Ale...	New jobs from CODEKINDLE SOL...	4NI19IS099_A@nie.ac.in	28 kB	Wed Jul 21 10:29:30 I...
Coursera <...>	Earn your BSc Marketing degree f...	4ni19is099_a@nie.ac.in	49 kB	Wed Jul 21 04:04:12 I...
Suhaas K P ...	OOPJ Project Submission Deadline -...	2019 <2019ISE_A@nie.ac.in>	13 kB	Tue Jul 20 22:30:19 IST ...
ISSA Studen...	[isestudents] Flutter - Let's get you s...	students <students@nie.ac.in>	38 kB	Tue Jul 20 22:17:51 IST ...
"Balasubram...	New announcement: "Check your th...	4ni19is099_a@nie.ac.in	11 kB	Tue Jul 20 20:11:05 IST ...
Principal Nie...	[isestudents] Fwd: Final Call - Regist...	students <students@nie.ac.in>	3 MB	Tue Jul 20 16:46:16 IST ...
Harish Y S <...>	[isestudents] Indian navy invites onli...	students@nie.ac.in	1 MB	Tue Jul 20 10:41:54 IST ...
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Coursera <C...>	Trending this week at Coursera	4ni19is099_a@nie.ac.in	92 kB	Mon Jul 19 22:00:06 IS...

Hi All,

The OOP with Java project submission deadline has been fixed on or before **24th July, 2021 before 11:59 PM in Moodle**.

Kindly upload your project files in Moodle along with screenshots of output and include a README txt file describing your project with any other relevant information if necessary.

As mentioned in the previous email about uploading your project in GitHub, I again endorse the same and a Google Form link shall be shared with you to submit your GitHub repository details.

Kindly stick on to the deadline mentioned as the CIE marks of OOP with Java shall be finalized very soon.

**NO TIME EXTENSION WILL BE GIVEN FOR THE SUBMISSION IN MOODLE.**

Uploading in Moodle is Compulsory and uploading in GitHub is not Compulsory.

--

Thanks and Regards,

Suhaas K P  
Assistant Professor,  
Department of Information Science and Engineering,  
The National Institute of Engineering,  
Mysuru - 570008

# Email Options

File Edit Help

▼ @ 4ni19is099\_a@nie.ac.in

- INBOX
- ▼ [Gmail]
  - All Mail(2)
  - Drafts
  - Important(1)
  - Sent Mail
  - Spam
  - Starred
  - Trash

Sender	Subject	Recipient	Size	Date
4ni19is099_a...	test3	4ni19is099_a@nie.ac.in	37 kB	Thu Jul 15 13:35:27 IST ...
SOURABH K...	Test2	SOURABH KUMAR ISE19J <4ni19is099_a...	607 B	Thu Jul 15 09:35:09 IST ...
SOURABH K...	Testing	SOURABH KUMAR ISE19J <4ni19is099_a...	588 B	Thu Jul 15 09:16:11 IST ...
SOURABH K...	changing of	Suhaas K P <suhaaskp@nie.ac.in>	1 kB	Wed Jul 07 11:22:27 IS...
SOURABH K...	test_answer sheet	chinnaswamycn@nie.ac.in	2 MB	Wed Jun 09 16:19:31 IS...
SOURABH K...	Test 1 answer sheet	suhaaskp@nie.ac.in	1 MB	Tue Jun 01 17:19:24 IST...
SOURABH K...	FEE RECEIPT	Studentfee receipt <studentfeereceipt@...	1 MB	Sat Dec 05 21:03:16 IST...
SOURABH K...	Fee receipt	Studentfee receipt <studentfeereceipt@...	642 kB	Mon Nov 30 09:47:27 I...
SOURABH K...	Fwd: fisestudentsl Flutter App Devel...	saiialshankar16@gmail.com	87 kB	Tue Nov 24 09:39:52 IS...

attachment here

# View details Window 1

The screenshot displays an email client window with a sidebar on the left and a main content area on the right. The sidebar shows the email account '4ni19is099\_a@nie.ac.in' with folders like INBOX, [Gmail], All Mail(2), Drafts, Important(1), Sent Mail, Spam, Starred, and Trash. The main area shows a list of emails. The selected email is from 'Suhaas K P' with the subject 'OOPJ Project Submission Deadline - On or before 24th July, 2021, 11:59 PM'. A detailed view of this email is shown in a separate window, displaying the sender's name, subject, and the body text. The body text includes a greeting, a reminder of the submission deadline, and instructions for uploading project files to Moodle and GitHub.

Sender	Subject
AMCAT Ale...	New jobs from CODEKINDLE
Coursera <C...	Earn your BSc Marketing de
Suhaas K P ...	OOPJ Project Submission Dea
ISSA Studen...	[isestudents] Flutter - Let's get
"Balasubram...	New announcement: "Check y
Principal Nie...	[isestudents] Fwd: Final Call -
Harish Y S <...	[isestudents] Indian navy invite
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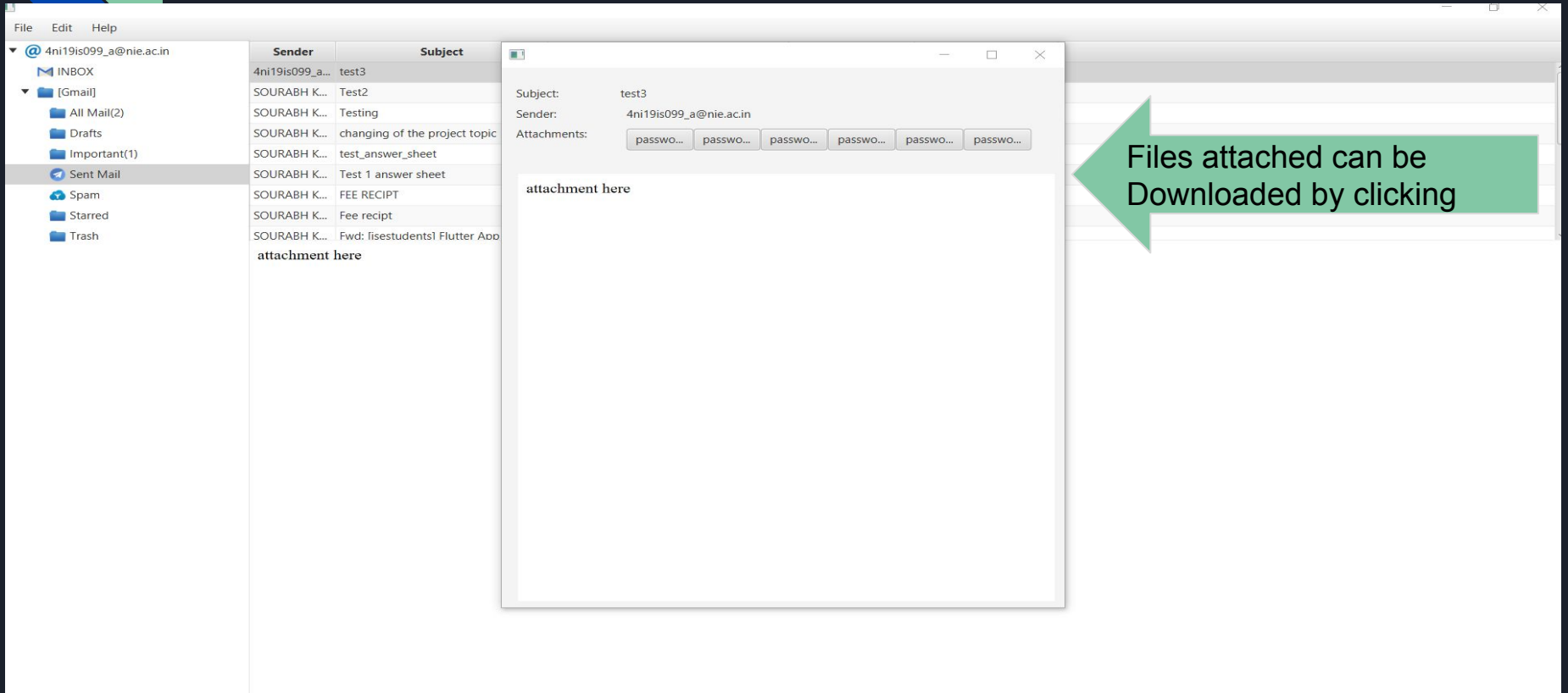
Uploading in Moodle is Compulsory and uploading in GitHub is not Compulsory.

--

Thanks and Regards,

Suhaas K P  
Assistant Professor,  
Department of Information Science and Engineering,  
The National Institute of Engineering,  
Mysuru - 570008

# View details Window 2





# Option bar

FileEditHelp

@\_a@nie.ac.in

Options

INBOX

[Gmail]

All Mail(2)

Drafts

Important(1)

Sent Mail

Spam

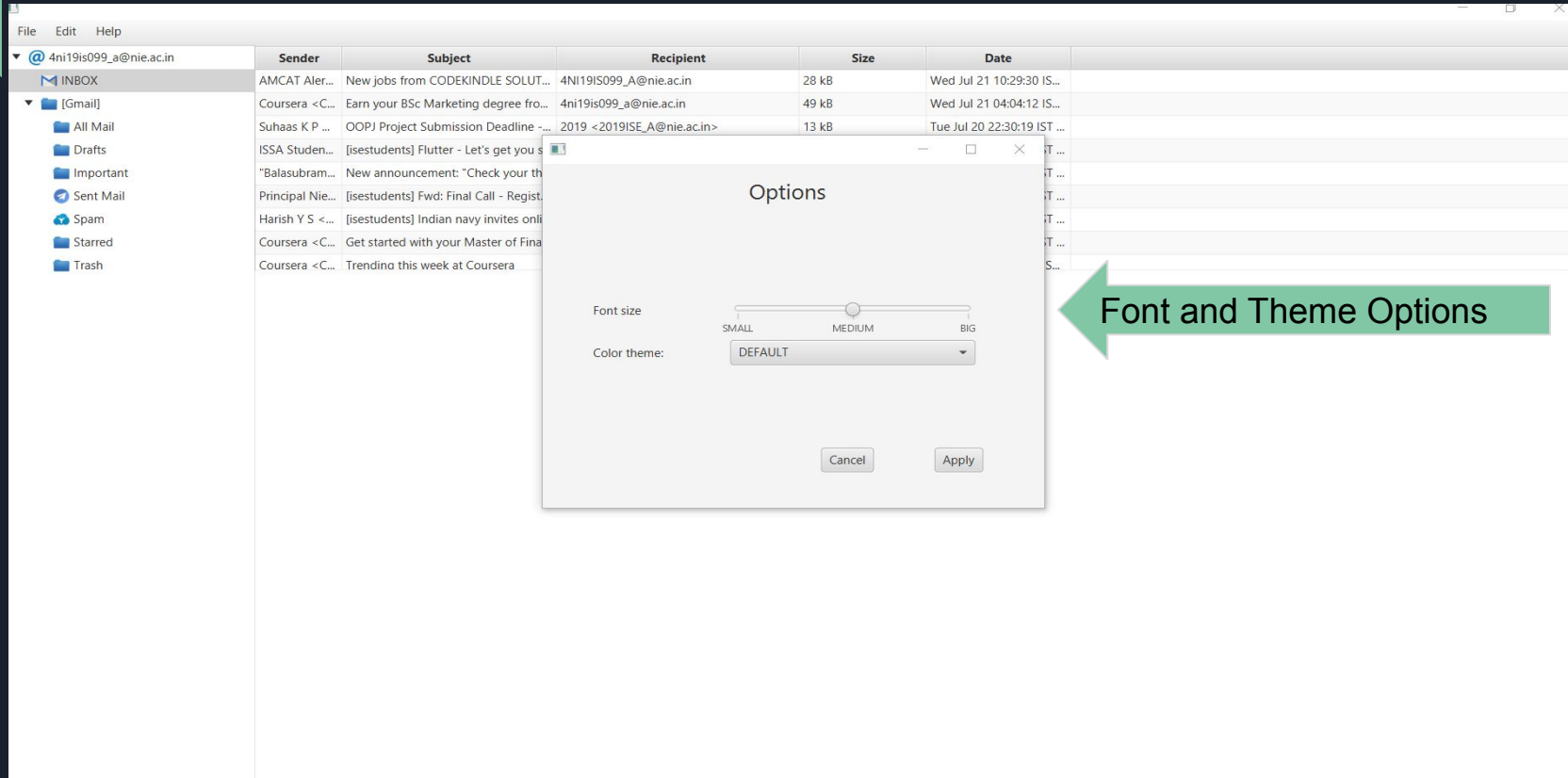
Starred

Trash

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SOURABH K...	Fwd: fisestudents! Flutter App Devel...	saiialshankar16@gmail.com	87 kB	Tue Nov 24 09:39:52 IS...	

Testing the app

# Option Menu



# File Bar

File

Edit

Help

Close

Open

Add account

Compose message

Imports

Important(1)

Sent Mail

Spam

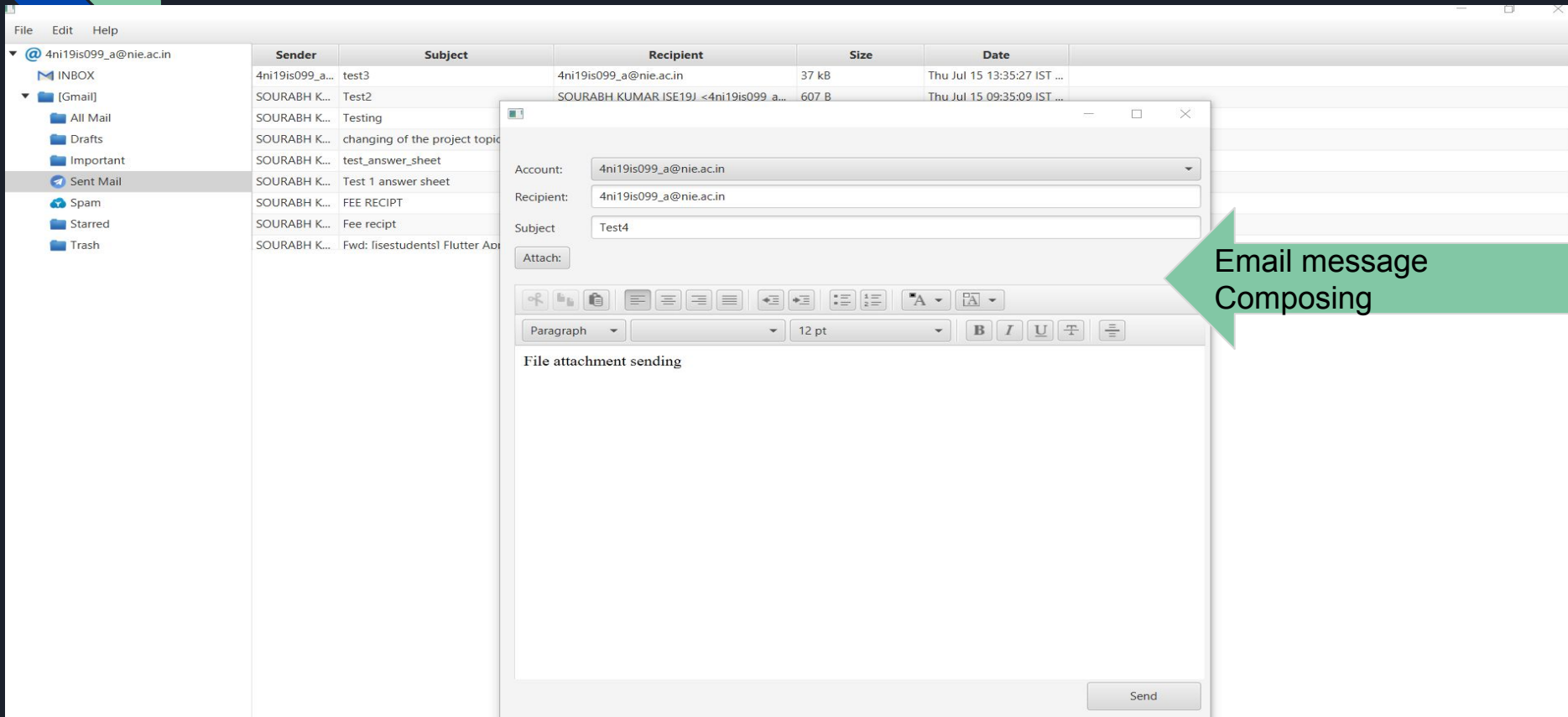
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Testing the app

# Email Compose Window



# Email Sent

File Edit Help						
4ni19is099_a@nie.ac.in						
INBOX(1)						
[Gmail]						
All Mail(1)						
Drafts						
Important						
Sent Mail(1)						
Spam						
Starred						
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Thank You