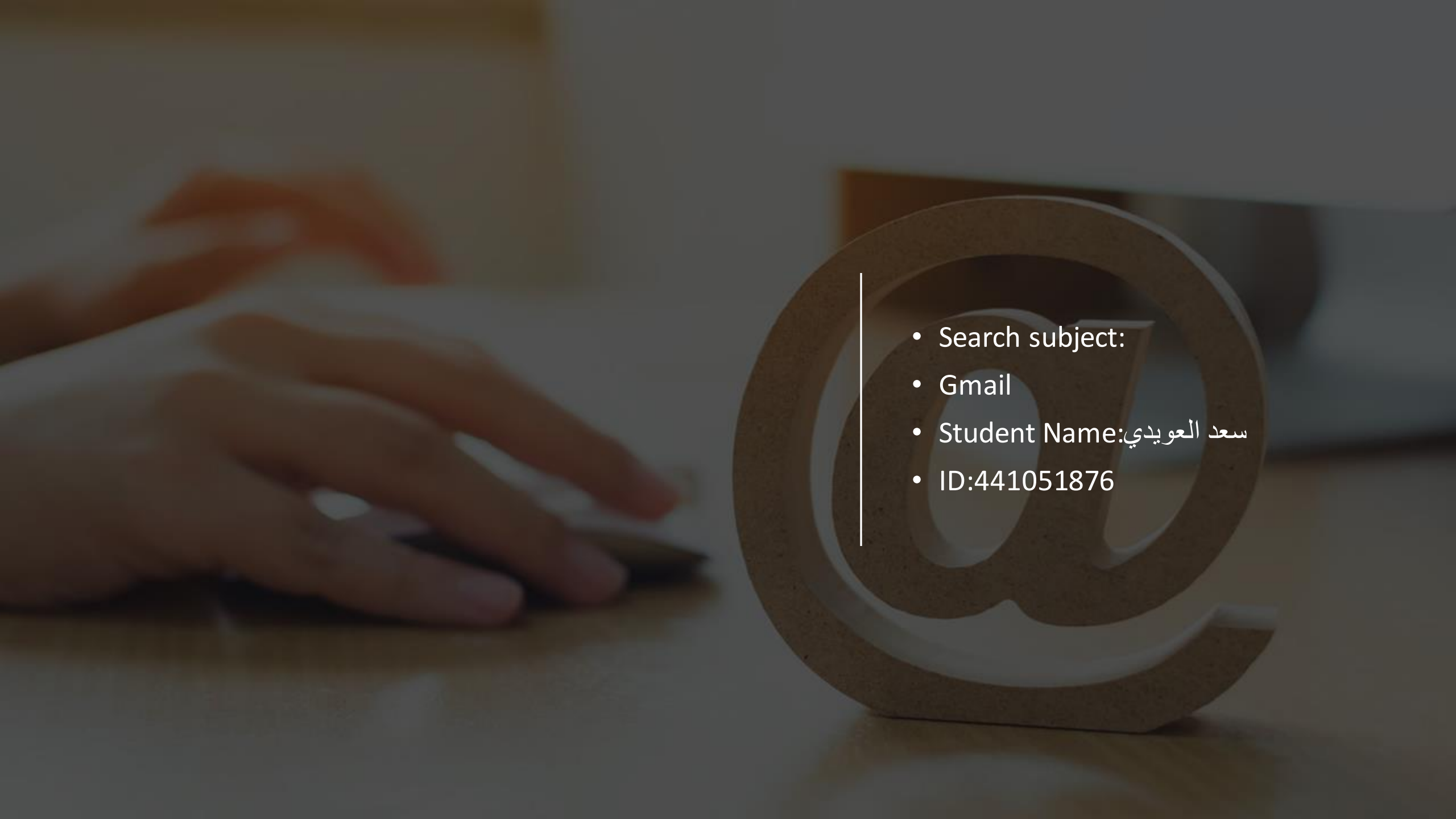


- 
- A hand is shown in the background, resting on a computer mouse. In the foreground, a large, 3D '@' symbol made of a light-colored material stands on a surface. A vertical white line is positioned to the left of the text.
- Search subject:
 - Gmail
 - Student Name: سعد العويدي
 - ID:441051876

:Introduction

stl .ediwdlrow sresu fo snoillim htiw ,2004Gmail is a free email service created by Google in
maps lufrewop ,sbat tnereffid otni sliame fo noitazirogetac citamotua edulcni serutaef
rieht ssecca nac sresu liamG .duolc eht no ecaps egarots fo tnuoma egral a dna ,gniretlif
.noitcennoc tenretni na htiw ecived yna morf stnuocca

Problems

The Gmail app offers several features to enhance email management and collaboration. Users receive notifications for new email messages, can collaborate by adding comments, or assigning tasks, and can translate messages to other languages.

The Gmail app also integrates with other Google services, such as Google Calendar and Google Drive, to help users manage their work and personal life more efficiently.

Background

a ot elbaliava ylno saw ti ,yllaitinl .2004Gmail is a free email service developed by Google in saw liamG .2007 ni cilbup eht ot denepo saw tub noitativni hguorht sresu fo rebmun detimil hcus serutaef htiw ecivres liame tneiciffe dna yldneirf-resu erom a eb ot dengised ecaps egarots fo tnuoma egral a dna ,gniretlif maps ,sliame fo noitazirogetac citamotua sa sa hcus seitalanoitcnuf dna serutaef wen dedda sah liamG ,sraey eht revO .duolc eht no elbaliava ,dlrow eht ni secivres liame ralupop tsom eht fo eno si liamG ,yadoT .xobnl ytiroirP ytitivtcudorp dna noitacinummoc rof loot laitnesse na emoceb sah dna smroftalp elpitlum no .sessenisub dna slauidividni ynam rof

Proposed solution

The Gmail application offers solutions to help users manage their emails efficiently, • including automatic email organization into different categories such as Primary, Social, Promotions, and Updates, to make it easier for users to find and prioritize important emails. The application also has a powerful spam filtering system that identifies and filters out spam emails, keeping the inbox clean and organized. Additionally, Gmail provides a large amount of storage space on the cloud, allowing users to store many emails and .attachments without running out of space on their device

Work Plan

There are several potential areas for improvement in the Gmail application, including •
more customizable filters or tags for email organization, enhanced collaboration features,
expanded automation capabilities through machine learning algorithms, more robust
security and privacy features such as end-to-end encryption, and an enhanced mobile
experience with gesture controls, customization options, and voice commands. These
improvements could help users work more efficiently, securely, and effectively manage
.their emails, especially for those accessing Gmail on their mobile devices

functional requirements

Email composition: Users should be able to compose and send emails directly from the app.

Email receiving: Users should be able to receive emails in real-time as they arrive in their inbox.

Email organization: Users should be able to organize emails into folders or labels for easy access and management.

Email search: Users should be able to search for specific emails using keywords, sender, recipient, or other criteria.

Email filtering: Users should be able to set up filters to automatically categorize or route emails based on specific criteria.

Automatic categorization:
The app should automatically categorize emails into different tabs, such as Primary, Social, Promotions, and Updates.

Spam filtering: The app should have a robust spam filtering system to prevent unwanted emails from reaching the user's inbox.

Email notifications: Users should receive push notifications for new emails, and be able to customize notification settings.

non-functional requirements

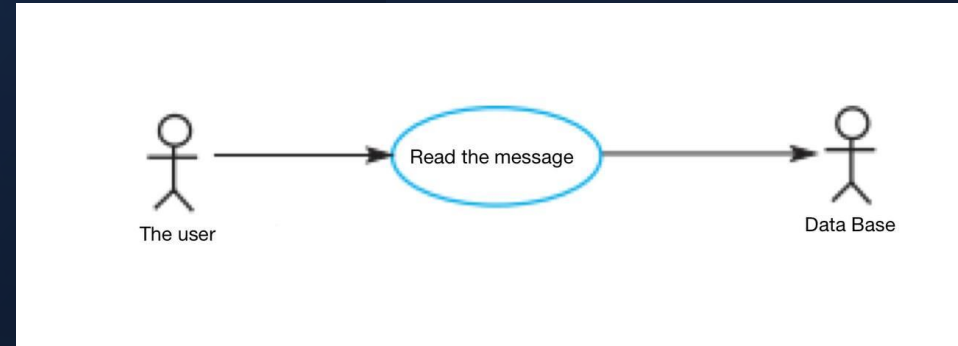
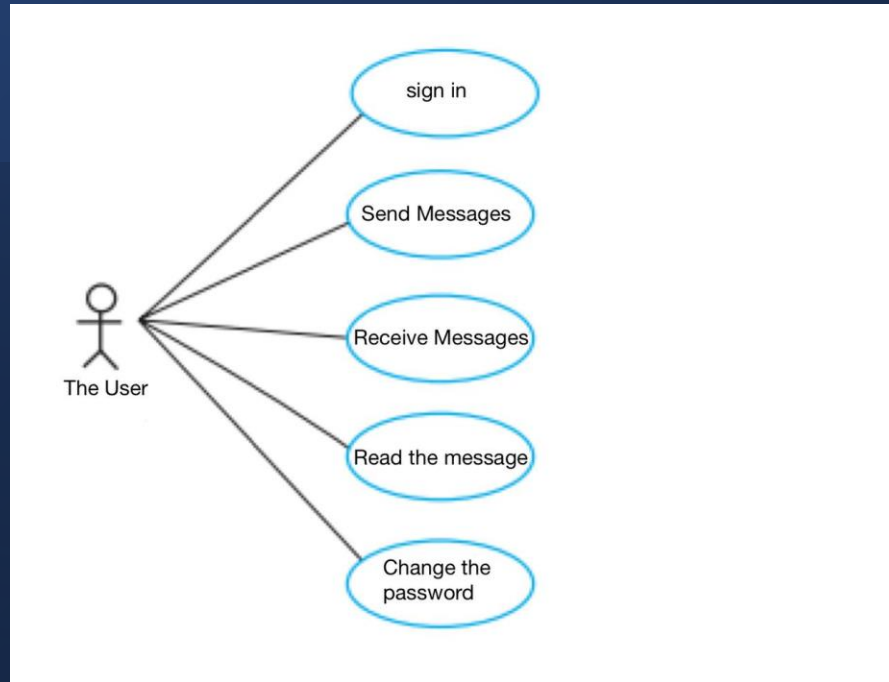
Performance: The app should be fast and responsive, with minimal lag or delay when opening or navigating emails.

Reliability: The app should be reliable, with minimal downtime or disruptions to service.

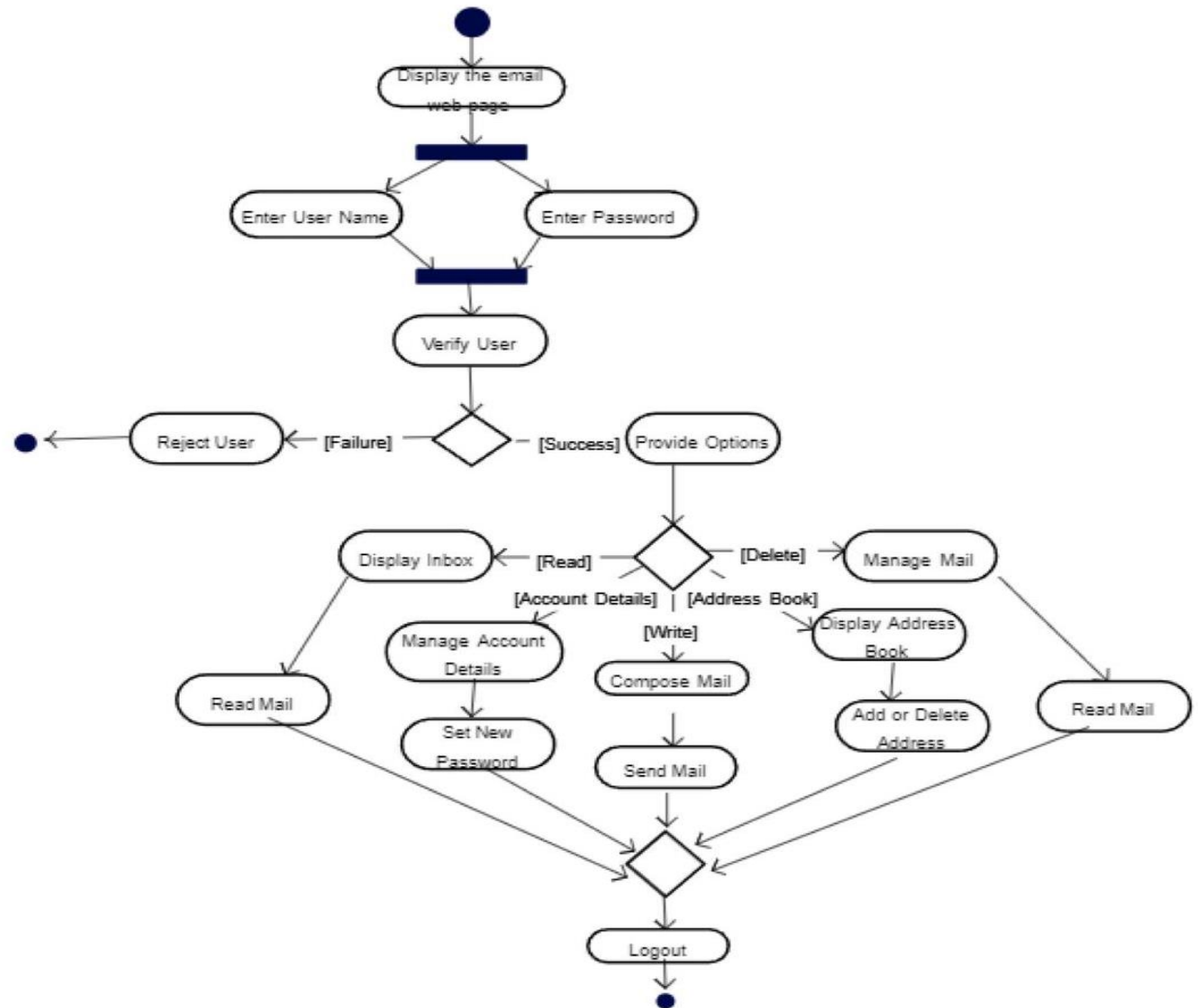
Security: The app should be secure, with robust measures in place to protect user data and prevent unauthorized access.

Privacy: The app should respect user privacy, with clear and transparent policies regarding data collection and usage.

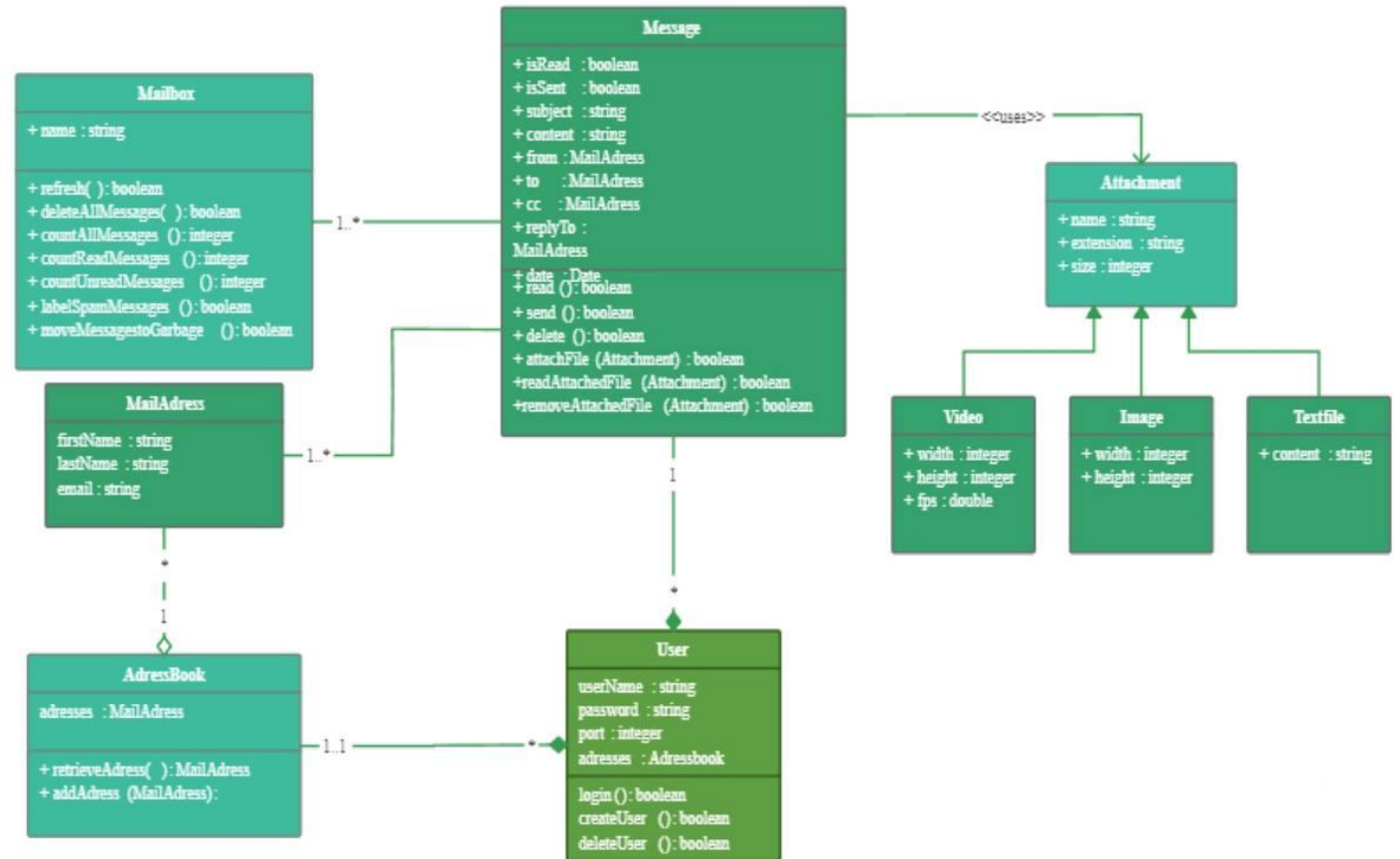
Actors: User and technical support



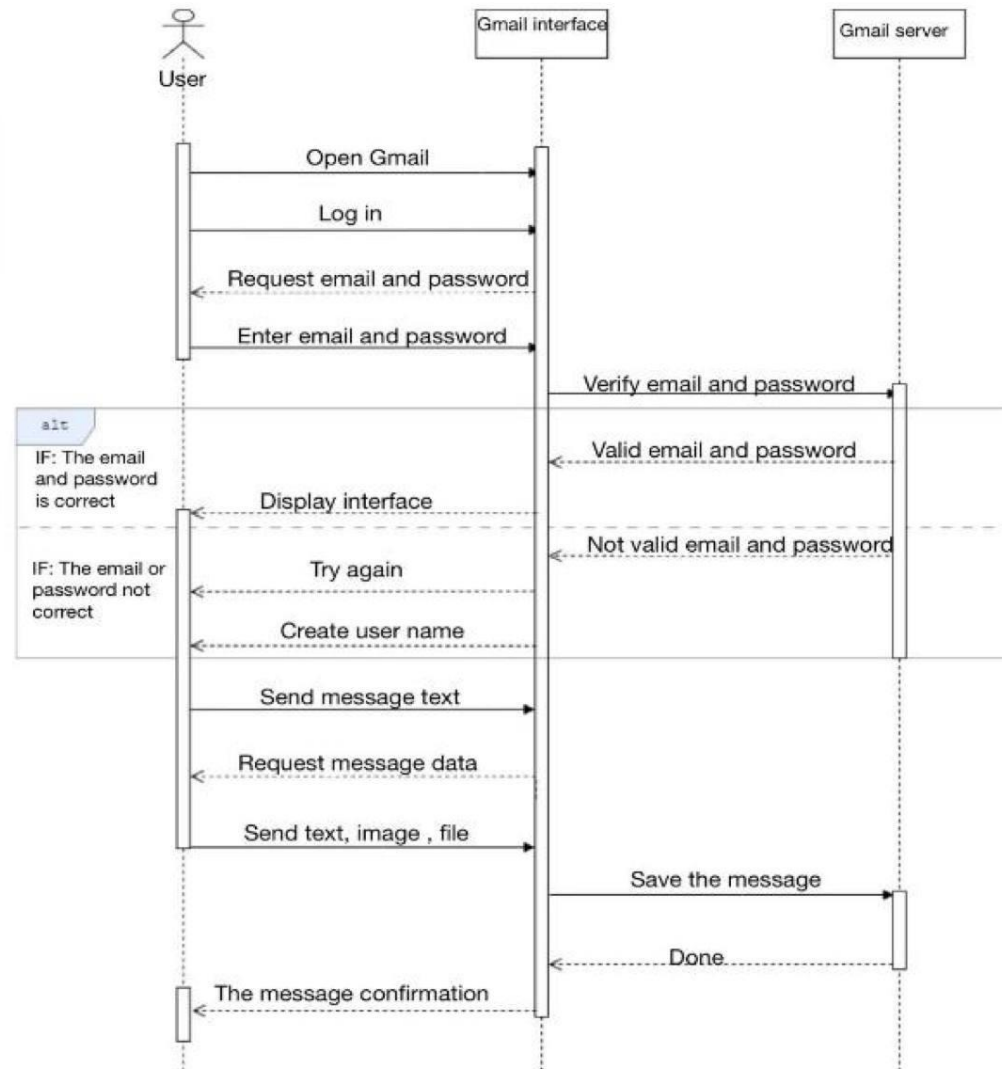
Activity diagram



Class Diagram



Sequence Diagrams



The End

Thank you for your time