Lokmanya Tilak Jankalyan Shikshan Sanstha's

Priyadarshini College Of Engineering

(Approved by A.I.C.T.E., New Delhi & Govt. Of Maharashtra, Affiliated to R.T.M. Nagpur University, Nagpur)
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Department Of Computer Science And Engineering
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Major Project

Topic: Application on Email Alert Generation

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AIM AND OBJECTIVE

Aim:

To design an Application to generate alerts based on the urgency or importance the email has within it.

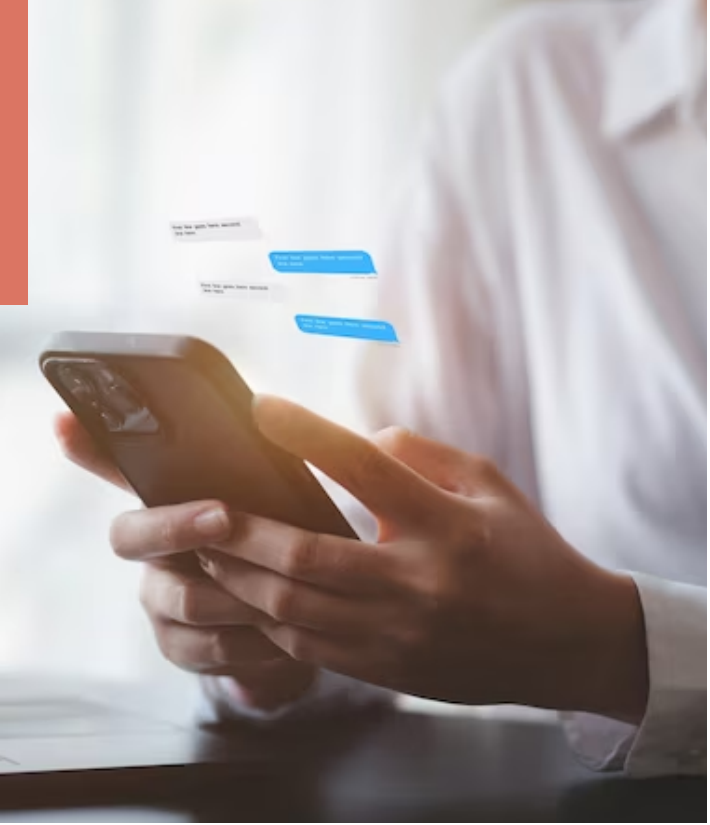
Objective:

1. Real-Time Alerts:
   Get alerted in real-time when important emails arrive, allowing you to respond promptly and stay on top of time-sensitive matters.

2. Efficient Communication:*
   Seamless Integration: Connect your email and WhatsApp accounts to create a unified communication experience, reducing the need to switch between multiple platforms.

3. Timely Response:*
   Priority Handling: Focus on emails that trigger WhatsApp alerts, ensuring quick responses to urgent matters and preventing critical emails from getting buried.

4. Personalized Updates:*
   Targeted Alerts: Tailor your notifications based on sender importance or email content, ensuring that only relevant emails trigger WhatsApp notifications.



INTRODUCTION

In this era of hectic schedules and constant work pressure, it is very difficult for anyone to keep up with and track regarding everything. The human mind may not be able to retain information for a very long time and may be replaced with more important work and information, which can result in some losses that may befinancial or educational. Missing crucial emails, such as job notifications, company emails, and college mail, which may contain deadlines, critical messages, and essential information, is one of the concern.

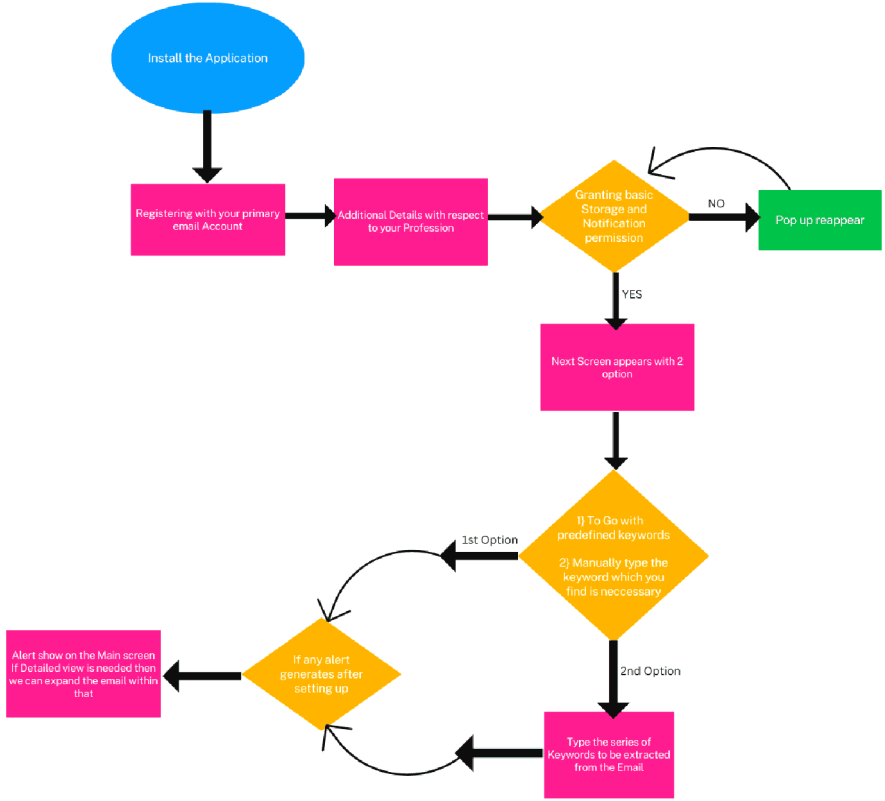
PROBLEM STATEMENT

The Project is to create an automated system that notifies the incoming email specifically emails that may be necessary, critical, and have some urgency, through an Application in the form of automatic alerts, which would give users a reminder of those specific emails.

LITERATURE SURVEY

Email Alerting System is a tool that integrates the application and Email to streamline communication. It sends alerts to designated recipients via application p and Email, ensuring that messages are received and acted upon promptly.

PROPOSED SYSTEM



MODULE DESCRIPTION

1. Flutter App Development:

Developed the basic application on the basis of User Interface(UI) designed with respect to basic operations which is needed or wish to do.

Following are the images regarding the basic UI (not yet finalized).

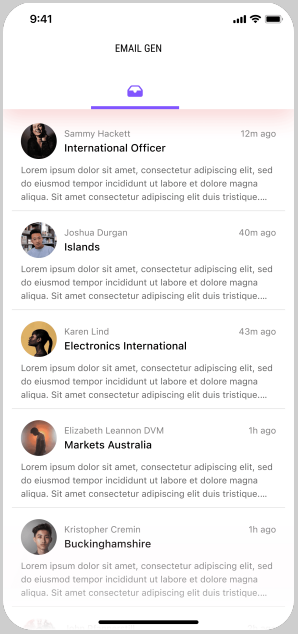
a. First we opened android development software android studio and set it up.

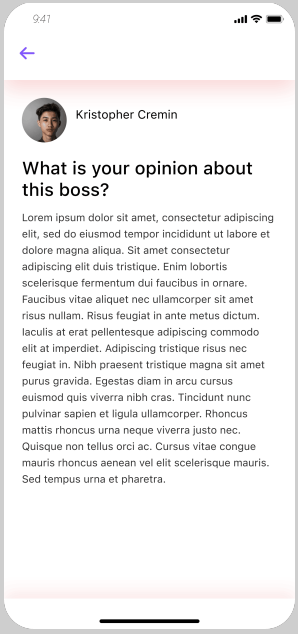
b. We created the default flutter app module and named it as Major.

c. Cleared all the code regarding the default app and set parameters according to the UI based on what we created. We defined appBar class and defined thier subclasses for the columns which we have defined. For now we have defined Inbox, Sent/Action, and Saved column. Further we have developed the code for Inbox Screen.

d. We defined body attributes in StateFull widget with Name EmailScreen.dart, in which the tile for every upcoming inbox user is made creating variables like ProfileImage, username, subject, body, and DateTime which provide how many hours ago the following email have arrived.

UI Of Application





HOW TO IMPLEMENT EMAIL ALERTING SYSTEM

Implementing Email Alerting System is easy. Identify the key stakeholders, set up the system, train the users, and monitor the results. We will discuss each step in detail.

CONCLUSION

In conclusion we can say that getting quick messages about important emails right on your phone, even when you're not at your computer. This teamwork helps us talk and work better. When important emails arrive, we can quickly reply because we'll know about them right away, no matter where we are. It's like having a super alert system. The best part is that we can tell the Application to only send us messages about the emails we really need to see. This way, we don't get too many messages and can focus on the important stuff. It's like having a special helper who only tells us the important things.

So, bringing emails together is like making our school life easier, like a friendly helper that makes sure we know about important stuff and helps us do our tasks better. It's like a new way to learn and stay connected, and it's really awesome!

REFERENCES

In conclusion, Email Alerting System is a powerful tool that can help businesses streamline communication, enhance efficiency, and improve collaboration. By implementing this tool, businesses can save time, increase productivity, and reduce errors.

https://doc.flutter.com/
https://www.github.com/