

## **ABSTRACT:-**

“Email Application” is a application to generate the email and generate the random password for new employers in IT company based on their role which they works.

Scenario:- You are an IT Support administrator specialist and are charged with the task of creating emails accounts for new hires.

In specialized to this scenario our application should do the following:

- Generate an Email with the following syntax:  
[firstname.lastname@department.company.com](mailto:firstname.lastname@department.company.com)
- Determine the department ,if none leave blank.
- Generate a random string password.
- Have set methods to change the password, set the mailbox capacity and define an alternate email address.
- Have get methods to display the name ,email and mailbox capacity.

## INTRODUCTION:-

This work was centered on the design and implementation of a Email app. The study traced the generate a Email ID's and also random Password to newly hired employees. This project also focuses on change the password and set the alternate email . Therefore this project helps a lot in IT companies in current situations.

As per the Source code,

First we declare the variables **firstName** and **lastName** to get the employee name We gave the input of employee name through the scanner.in . After that using access modifier we set the department by differentiating the department by using the if-else statement .Based on choices we set the department on which employee works.

We generate the random password by using the **random()** function to select the password of length 10 characters by selecting the characters randomly. By selecting characters from group **passwordSet**.

By using the **set()** methods ,we set the alternate email and also change the generated password ,

Also use the **this** keyword to give sudden instance to the naming variable.

By using the **get()** method get the alteranate email and get the changed password .We also Set the mailbox capacity by using the **set()** method .

We get the inputted details by showing with help of **show()** method as **showInfo1()** , **showInfo2()** , **showInfo3()** to get the details which we have updated.

In class file, we run entire program in while loop to continuously running the program to continuously update the employee details if in any part of program we can stop the update by set to 0. We create options to update the alternate email and also to change the password.

This is about some brief overview of this project its helps to understand project goal and also it shows about what are the methods we used in this project.