D.Y. Patil College of Engg. & Tech., Kolhapur

Dept. of Computer Science and Engineering

Report for Project - III

Introduction:-

The most common mail services that we use in our day to day life cannot be used by visually challenged people.

In this project we going to developed Web application which will helps the people to access email services efficiently. This system is specially helpful for computer illiterate people to access there emails.

In this project the user only needs to follow the instructions given by the software. We are providing feature in which users just sends email using voice.

This application done using Python , HTML CSS And SQL for storing data.

Problem Statement:-

Developing Voice base email System for computer illiterate people to access their emails.

Objectives:-

The main **objective** of the **Voice base email System** is to will helps the people to access email services efficiently. This system is specially helpful for computer illiterate people to access their emails.

Proposed Work
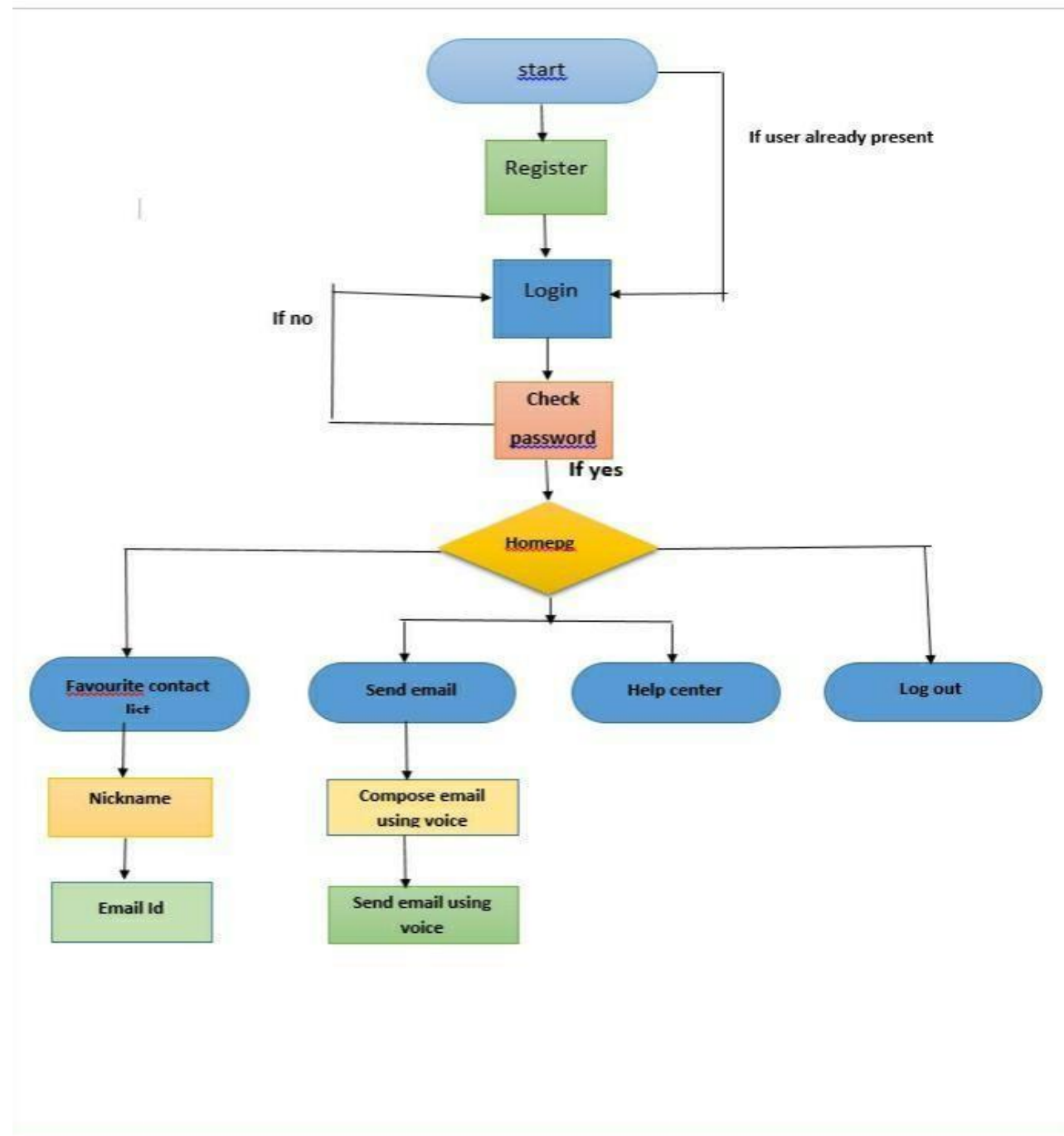
System Requirement:-

❖ Hardware Requirement:-

- Memory Space
  - ✓ Minimum   =   4 GB
  - ✓ Recommended =   5 GB

- Hard Disk Driver   =   1 TB
- Processor   =   Intel core i3 and above.
- RAM   =   4 GB or above.

Software Requirement:-

- Operating System =   Windows
- Developing Language = Python, HTML CSS and SQL for storing data.
- Software = Python 3.9,
- Applications to develop program= pycharm /Jupiter notebook/ SQL server Connectivity.
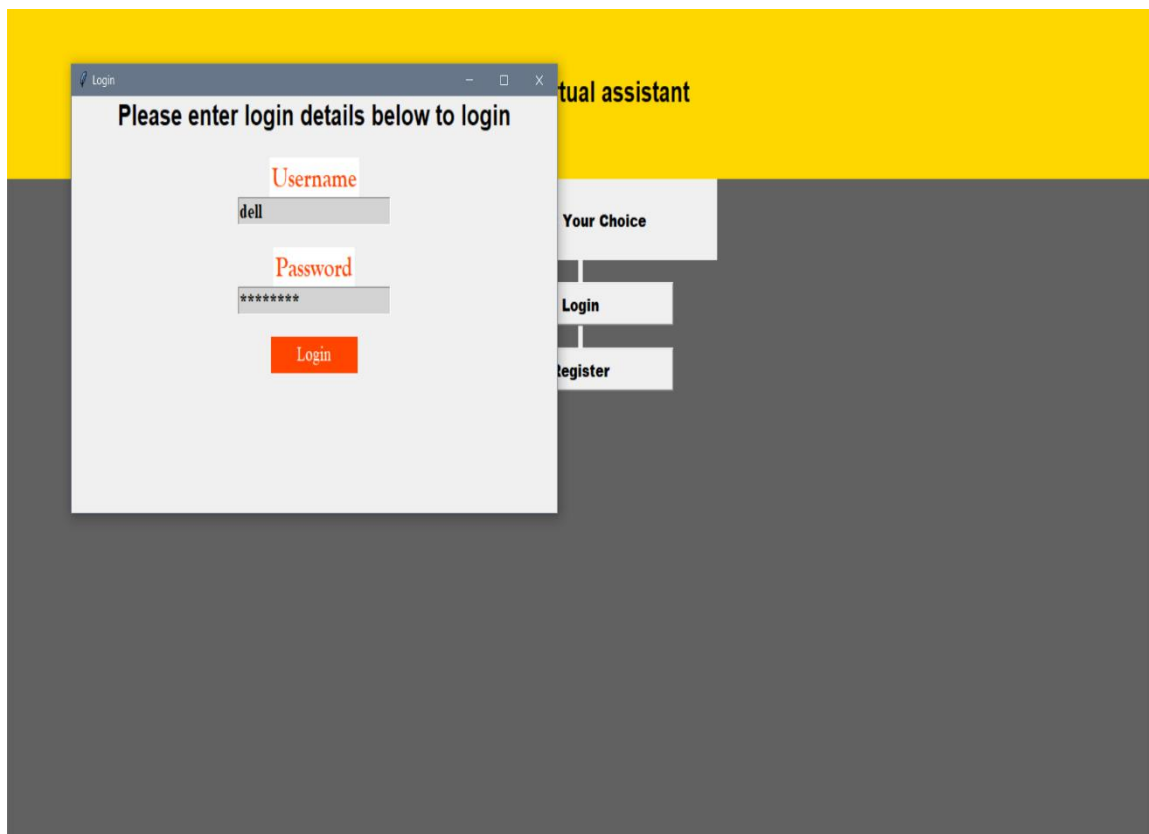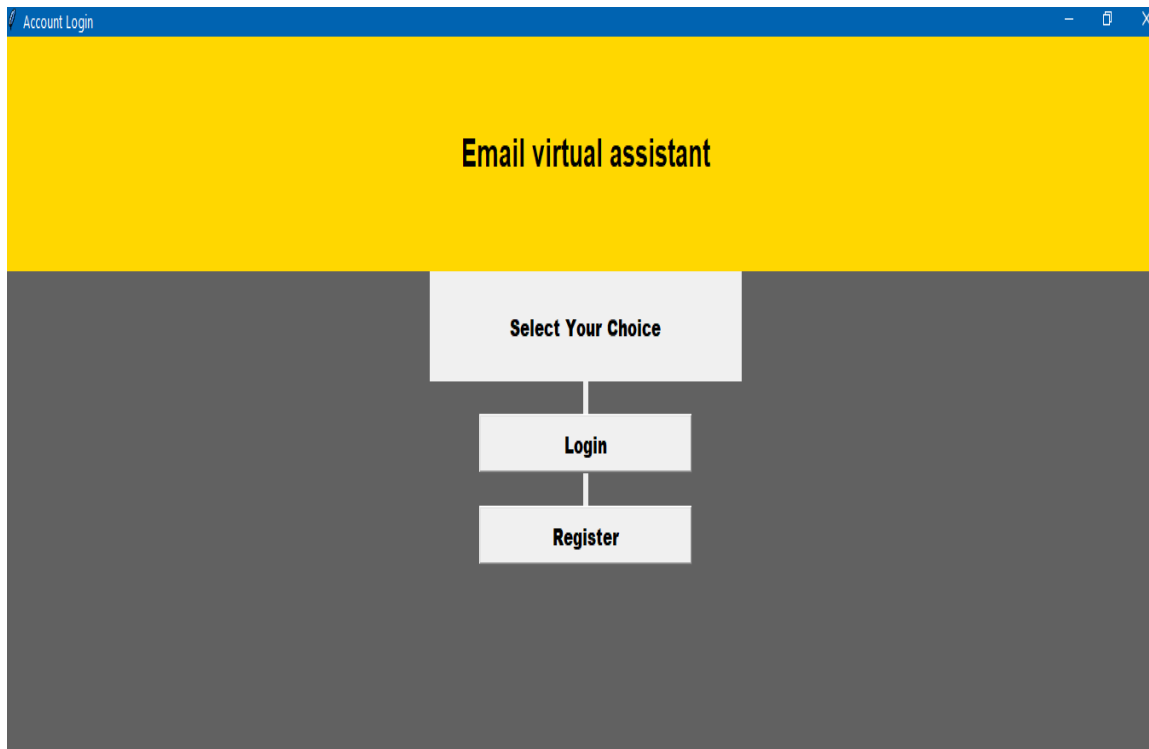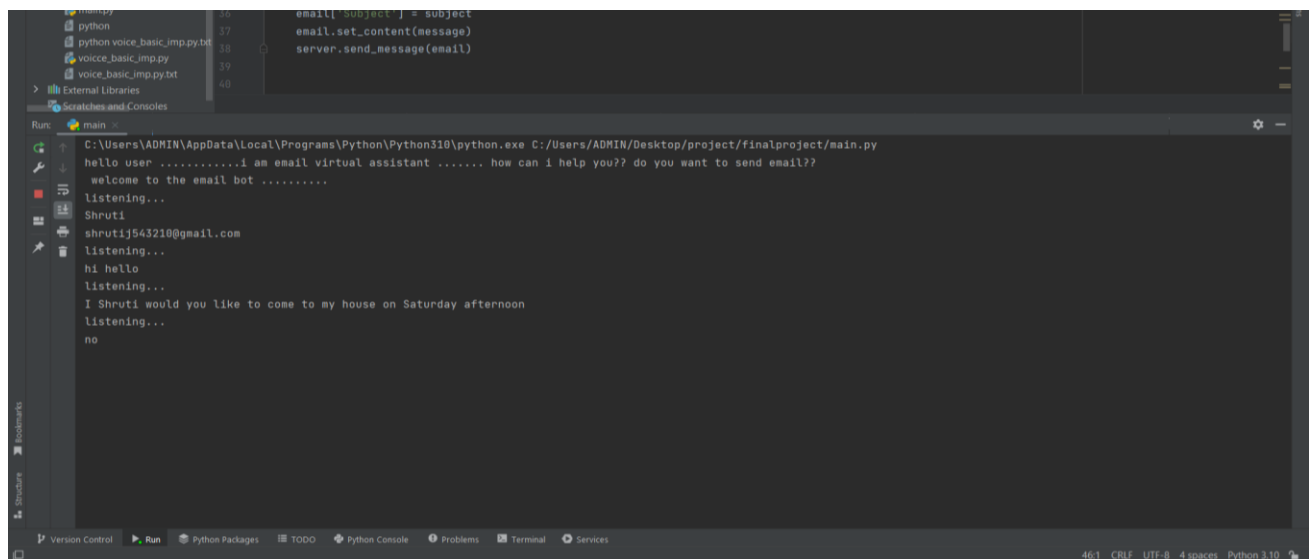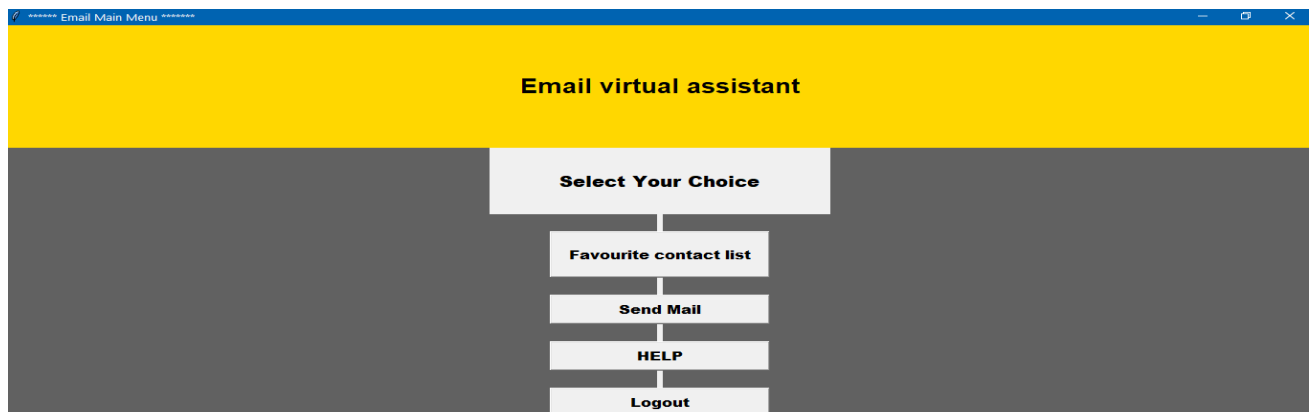
Proposed System Architecture

Modules:-

1. Web Interface
2. User Registration

        a. Login

        b. Forgot password

3. Home page

        a. User Details

        b. Send mail

        c. Help

        d. Log out

4. Voice based email sending Procedure

        a. Compose mail

        b. Send mail

Implementation Details

• Login: This is the very first page and will ask user to enter login credentials. It will prompt user with voice command to enter user name. If not already registered there is an option to register themselves by filling there details such as email, password , gender and username.

• Dashboard: After successful registration and login, user will be redirected to this page and this is the main page from where user can perform all the activities like favorite contact list , send mail ,help, logout etc.

Account Login

Email virtual assistant

Select Your Choice

Login

Register

Login

Please enter login details below to login

Username

dell

Password

****

Login

Conclusion & Future Work

In this project we have proposed a system which will help the people to access email services efficiently. This system will help in overcoming some drawbacks that were earlier faced by the blind people or computer illiterate people to send their emails. The user only needs to follow the instructions given in the software and use mouse clicks accordingly to get the respective services offered. We are providing feature in which users just sends email using voice. User can use this application whenever they want.

The proposed project has a wide scope as many enhancements can be done in the system.It can be made multilingual i.e. it can include different languages. The system can be enhanced such that it can also send attachments.

It can also include the functionality of accessing deleted and spam mails. The system can be made useful to all regional people by inclusion of different languages which will make it easily accessible.In this manner, we can interpret that the system will have a great scope in the future.

References:-

❖ Books:

[1] Jagtap Nilesh, Pawan Alai, Chavhan Swapnil and Bendre M.R.. "Voice Based System in Desktop and Mobile Devices for Blind People". In International Journal of Emerging Technology and Advanced Engineering (IJETAE), 2014 on Pages 404-407 (Volume 4, issue 2).

[2] Ummuhanysifa U.,Nizar Banu P K , "Voice Based Search Engine and Web page Reader". In Internationa Journal of Computational Engineering Research (IJCER). Pages 1-5.

❖ Websites:

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