COMPUTER PROJECT 1 – PROJECT 1/REPORT 1

VOICE BASED MAIL SYSTEM FOR VISUALLY IMPAIRED PEOPLE

An executable programme which is a mail system that can be controlled by sound for visually impaired people. The logic of the programme will be similar to a voice assistance logic. Visually impaired person will easily be able to send and receive mails via gmail.com. Programme will read received messages and communicate with the user. There will be 3 main commands which can create new mail, open inbox, open outbox.

- **Create New Mail Task:** It will get to, cc, subject informations from user by sound. Then it will get text message to be sent. According to these informations. It will connect to gmail.com and send the message.

- **Open Inbox:** It will connect to gmail.com and read messages in inbox. User will determine how many messages will be read by the programme. User will also be able to stop programme to read the message.

- **Open Outbox:** It will connect to gmail.com and read messages in outbox. User will determine how many messages will be read by the programme. User will also be able to stop programme to read the message.

Technologies Planned to be Used:
- Python's pygame, speech_recognition, and gTTS libraries.
- Gmail API

Flowchart of the Programme