BLIND MAIL READER

INTRODUCTION-

Do you know that India is the second blind nation in the world. An estimated 253 million people live with vision impairment. Wonder how they would read a mail?? well we have got a solution!! The “Blind Mail Reader” . The blind mail reader aims to help the visually impaired by reading them their mails.

HOW DO WE ACHIEVE IT-

Though our future idea is to have an interactive mail reader with the user, the blind mail reader is in its starting stage, where the mail is read on the user’s input given.

The blind mail reader works completely on a set of codes written in java.

APPLICATION REQUIRED-

An interface to run java is required that can be either

-cmd terminal or

-netbeans IDE 8.2

HEADER FILES USED-

Various header files are used to implement the methods inside.

//to facilitate inputs and outputs

import java.io.BufferedReader;

import java.io.IOException;

import java.io.InputStreamReader;

//to open and operate on mails

import javax.mail.Message;

import javax.mail.BodyPart;

import javax.mail.Multipart;

import javax.mail.MessagingException;

//to read contents in the mail

import javax.speech.Central;

import javax.speech.synthesis.Synthesizer;

import javax.speech.synthesis.SynthesizerModeDesc;

CODING DESCRIPTION-

The reader contains one class named Emailreader with various methods to perform all actions. A try catch block is given for any occurrence of exceptions. An object is created for the class and date, from, subject and content is displayed. Various methods are used to display all the mails and separate them into read and unread messages. A default voice is attached to synthesizer. A mail-id and password has to be given to connect to the program. An input of either ‘a’ or ‘u’ based on the user’s choice is collected. ’a’ has to be entered if the user wants to listen to all mails and ‘u’ has to be entered if the user wants only the unread mails to be read.

CONCLUSION-

The blind mail reader accepts input whether all mails or only unread mails have to be read. And the mails are opened accordingly from an already entered mail-id and password. The mails are read with precision including details of sender ,date of sending ,subject, etc.

Thus the first stage of blind mail reader has been running successfully.