Voice Based E-mail System For Blind People

BATCH -12

Members-

Pradeep - 19z338
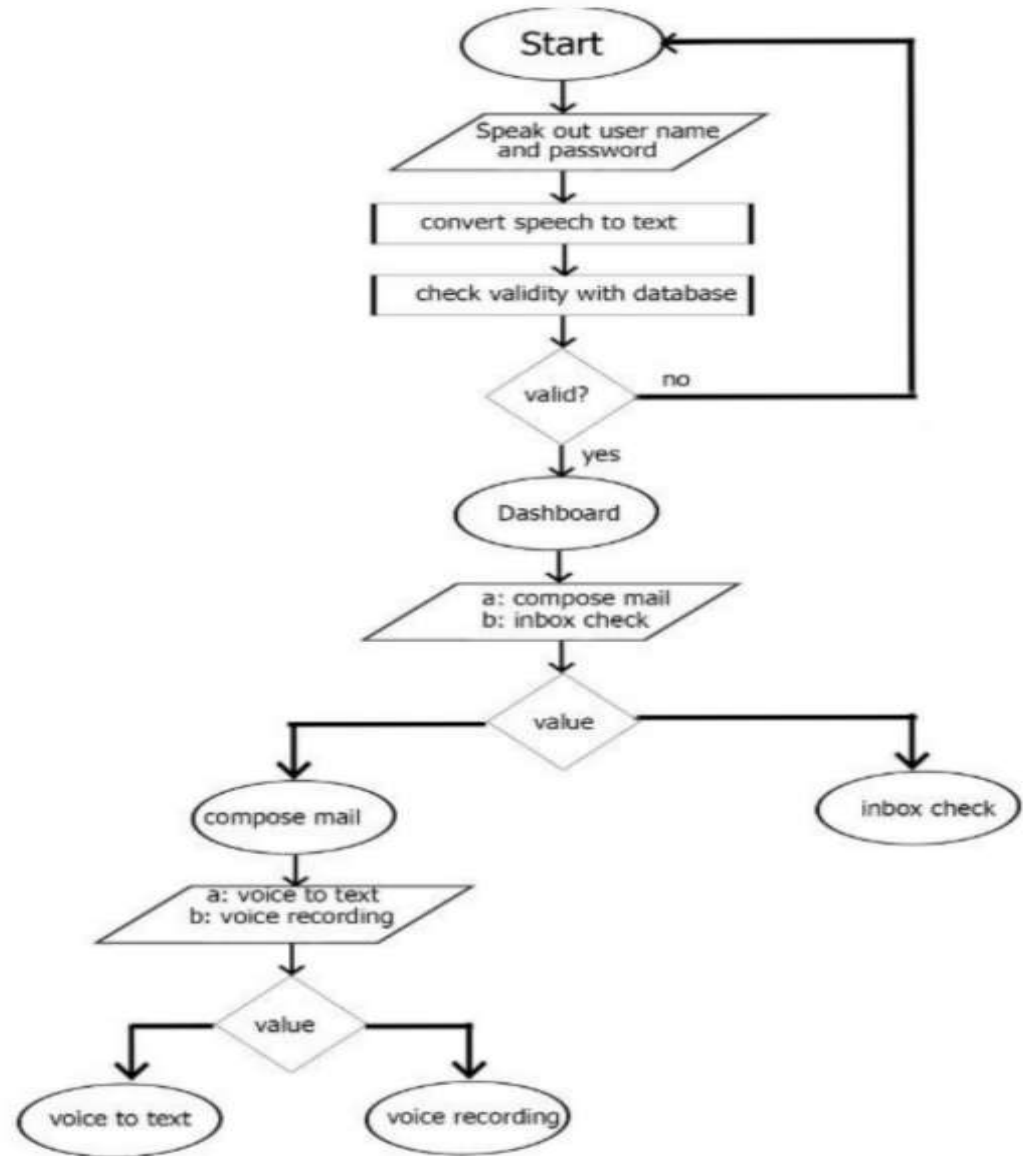
Sanjai - 19z344

Venkata Gowtham - 19z360

Chandraprakash - 20z461

Mukesh – 20z462

Block Diagram of the Project

Tools Used

▶ Front end:

Visual studio

Microsoft Visual Studio is an integrated development environment (IDE) from Microsoft. It is used to develop computer programs, as well as websites, web apps, web services and mobile apps. Visual Studio uses Microsoft software development platforms such as Windows API, Windows Forms, Windows Presentation Foundation, Windows Store and Microsoft Silverlight.

▶ Back end:

MS SQL

Microsoft SQL Server is a relational database management system developed by Microsoft. As a database server, it is a software product with the primary function of storing and retrieving data as requested by other software applications—which may run either on the same computer or on another computer across a network

Features

Implemented

- Voice recognition
- Speech synthesis
- User interface using voice command
- G-mail or E-mail accessing
- Mail sending facility
- Mail receiving facility

Need to be Implemented

- External media access for attachment
- Getting the input data in voice itself
- Read out the received mail

Contribution & Challenges faced

Contribution

▶ sanjai (19z344) has taken care of receive page

▶ pradeep (19z338) has taken care of send page

▶ venkata gowtham (19z360) has taken care of log-in page

▶ chandraprakash (20z461) has taken care of home page

▶ mukesh (20z462) has designed the system and work with other four batch members.

Challenges faced

▶ The google e-mail security policy treat our system as third part software and not provide the permission to access the mail. In order the get the access we have turn on the less secure app option for the mail id which we have useded for sending the mail (from address).

▶ The voice recognition and Speech synthesis are not able the process the special character and the numerical numbers.

THANK YOU