Date:26-02-2019

Guide: Sona Maria Sebastian

1.Project Overview

Voice Based Automated Transport Enquiry System is an enquiry system.This provides the information for the enquiry in transport terminals, which operates based on the voice input given by the user.

2.specify the viewers/Public which is to be involved in the system?

Users will get information about transport facility.It consists of availability of buses,timing ,locations etc.

3.To what extend the system is proposed for?

This system uses the voice commands and gives the required information in the form of voice.it will recognize the voice and give corresponding details to the user.The operator will manage transportations,including locations, bus types,Availability, timing of the buses.Admin will control both users and operators. so that every time any user can logs into the system, he/she can easily access the details about transportation.

4. List the Modules included in your System?

user Search: User can search details through voice or text about location,timings etc.

Admin Login/Registration: The system is under supervision of admin who manages the operator and users.

OperatorLogin/Registration: Users have to first register themselves to login into the system.

Voice to text conversion/vice versa:Speech-To-Text (STT) system takes a human speech utterance as an input and requires a string of words as output.

Bus Type: Specify category of buses like fast,superfast ,ordinary etc.

Add Platform: Specify the waiting platform.

Add Timings: Specify the arrival and departure of buses.

5. Identify the users in your project?

   Admin,users,Bus operators

6. Who owns the system?

   The system is not owned by any organization or firm. It is completed owned by developer.

7. System is related to which firm/industry/organization?

   Transportation Industry

8. Questionnaire to collect details about the project?

   Q1.How the system Benefit to the humans?

   We have experienced in waiting to a transport   terminals for transport controllers to get the information about the transport facility. We encounter so many times there will be no person for providing these information which significantly wastes the time just to know whether there is any facility or not. Here is one solution for such a problem which lessens the human intervention in providing such information in the transport terminal

   Q2.What are the basic functions needed to provide for users?

   User will get information about transportation by just giving a voice message to the system.the system will provide the correct details to user in form of voice.No need to type any messages to the system, just give the voice.

   Q3. Do you think that the service delivery charge may affect the system?

   Of course not. The one who need the service will access the system without considering the delivery price

Q4. How we can attract users to our system?

The system will provide information without involving a third parties help.there is no need to ask for anyone about the transportation details.

Q5. What is your opinion about the payment system for Enqiry System?

There is no payment for accesing this sytem.Needed user can acces the system without concern of payament.

Q6. Does the system is feasible in your opinion?

Of course. When the system become online, the users can easily services and perform the needed operation from anywhere . And also internet is cheap nowadays.

Q7 What are the factors that checked by the customer before accessing a service?

By Just giving the specified command to the system,they will get informations.there is no need to login in to the sytem.All passengers can acces the system.

Q8.What is your personal opinion about automate the existing manual system by a website?

It will be a great choice for people looking for immediate need without much effort.