YAADHUM OORAE GLOBAL CONCLAVE HACKATHON

(An Initiative by Chief Minister of Tamil Nadu, India)

TEAM NAME: Fried Data

TEAM LEAD NAME: Abhisek R

TEAM MEMBERS: 1. Abhisek R
                        2. Palaniappan S
                        3. Nithish Kumar S

TEAM ID: TT016

TRACK NAME: Tamil and Technology

INDEX TERMS:

Transulator, VoiceToText

PROBLEM STATEMENT:

Official forms/ documents/ procedure for official formalities in Tamil

MOTIVATION:

This is a interesting topic which can be even implemented for our use in future.

INTRODUCTION

A lot of people in Tamil Nadu still find it difficult to fill forms required to book or order essential items. Few find it difficult to apply for other schemes too, missing something important to them !

If speech recognition is used in this application, it can make a change !

NOVELTY

We have just made the prototype of the project. The complete UI is not designed yet. The speech recognition and text to voice is done using Google's API. The other works were done by us.

PROPOSED MODEL

A web page containing various forms, ex. Ration Smart Card Application, Voter ID Application and more.
The web page when opened, reads the question in Tamil which the person using the page can hear. The person then replies back after which the text box is filled automatically.

LIVE WORKING SESSION

PROS & CONS OF PROPOSED MODEL:

PROS :
Very easy to submit applications for those who don't know to read or write

CONS :
Might be a problem, if there is no one for assistance. For example for the person may not even know how to use applications or similar such issues.
Updated technology version problems

REFERENCES:

Google's API