**DOCUMENTATION**

The program is VoiceRecognition.ipnyb, written in python, that can be accessed through jupyter-notebook. Its dependencies are listed on the readme.

Main folder consists of three important folders:

* **csv**

It contains csv files that has 4 files.

* + **results.csv:**

it consists of recognized voices and transcribed texts which is in Nepali. There are two possible error markers - “err” means error recognizing and \* means the answers are not matched with any of our possible answer set.

* + **result\_bool.csv:**

it consists of files in Boolean format (1 and 0) of the same answers in result.csv. This means positive answers are mapped as 1, negative as 0 and uncertain as NaN.

* + **possible\_answers.csv:**

contains a list of questions with possible answers. questions may be added at the end with its possible answers.

* + **bool\_map.csv:**

contains set of all possible answers and have its corresponding Boolean value mapped.

* **questions**

It contains audio files of questions in mp3 format starting from 0. You may add an audio file renamed with the corresponding number after the last file name. For e.g. if the folder has 14.mp3 as its last file, new question needs to be added as 15.mp3. After adding a question, add its written form in csv/possible\_answers.csv with all possible answers. If any new possible answers that is not currently present in csv/bool\_map.csv, add that answer with its Boolean value in next row.

* **recorded**

It contains recorded files under the phone number of a person. Each phone number folder has equal recordings as the total number of questions.