

# Mimic-Speech

App to mimic speech in Bahasa Indonesia.

## Software That Used

- OS (Windows 10 64-bit)
- Browser (Chrome v70.0.3538.110 (Official Build) (64-bit))
- Node.js (x10.14.1)
- Database (MongoDB v4.0.2)
- Git (2.18.0.windows.1)

## How To Run

Make sure that *Node.js*, *MongoDB* is already installed and run commands below through command prompt in ***mimic-app*** repository.

To install all module and create directory that will be used.

```
$ npm run setup
```

To start the server for collect app and mimic app.

```
$ npm run start
```

To train the collected data from collect app.

```
$ npm run train
```

## Code Reference

- <https://github.com/muaz-khan/RecordRTC/tree/master/RecordRTC-to-Nodejs>
- <https://github.com/tensorflow/tensorflow/tree/master/tensorflow/ex>
- <https://github.com/tensorflow/tfjs-models/tree/master/speech-commands>
- [https://github.com/jameslyons/python\\_speech\\_features/tree/master](https://github.com/jameslyons/python_speech_features/tree/master)
- <https://github.com/vail-systems/node-mfcc/blob/master/src/mfcc.js>
- <https://github.com/meyda/meyda/blob/master/src/extractors/mfcc.j>

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