

# Speech To Text

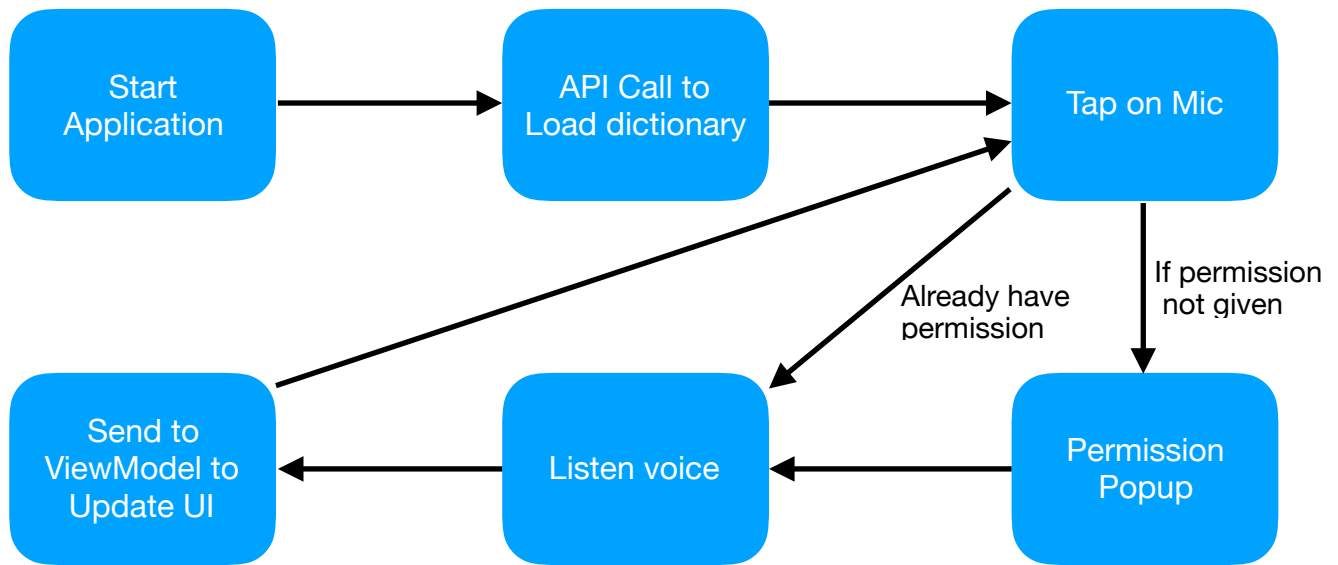
An application that can detect Human Speech and convert it to relevant Text and Search into a predefined dictionary.

Developer  
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## Library Used:

1. **Material Design & RecyclerView:** This library used to make a better look and effective UI.
2. **Retrofit:** Used as a Rest API client to communicate with server.
3. **Gson:** Used to convert raw request body to relevant Java Object.
4. **Stream:** Third party stream api used to make support Java Stream functionality to backward devices.
5. **LifeCycle ViewModel:** It used to handle data of application and realtime UI update. It is a Model View ViewModel(MVVM) architecture. And data binding used with it.

## Work Flow:



## Time Sheet:

Time	Module
30 Minutes	UI design
2 Hours	Functionalities
30 Minutes	Code Optimization
30 Minutes	Unit test
30 Minutes	Documentation

Screenshots:

