**Tell us what your idea is.**

App will be used to communication using **sign language** it will provide two way communication from Arabic language (which will be first app to be used with sentences there are some but have low accuracy with sentences) to sign language and vice versa. App will **use Deep learning** and **Natural Language processing** to do its job with high accuracy.

**Tell us how you plan on bringing it to life.**

*A Sample app is pushed to GitHub which need a model that is finished but we working on convert it into TensorFlowLite to be used form Firebase tools that provide High abstraction and make it easy to used models on Mobile devices, we will use On-Device to make app available without need to Internet which is impossible in some area in the world which wide segment of people who will use and benefit from this app.*

*App is divided into 3 phase*

*1- Dealing with numbers to convert them into sign language (1-1-2020)*

*2- Converting a full sentence into sign language (1-3-2020)*

*3- Provide ability of converting sign into natural language (1--2020).*

**Tell us about you.**

I have developed Qurany App which code base is about 10k LOC and provide the smallest App for Quran Service from Reading, Listening, Searching and Testing. It was planned to deploy a ML model using Flask and Keras model but not finishing it yet.

Link <https://github.com/MahmoudMabrok/QuranyApp>