**#AndroidDevChallenge**

**Tell us what your idea is.**

Provide captions for what people talking to a deaf person with sentiment analysis. It will detect language, and translate it to their preferred language. Machine learning features to be used in my app are “Language identification”,”Translation”.*Describe in 250 words what the feature or service will do and how you’ll use Machine Learning to push the bar:*

**Tell us how you plan on bringing it to life. It will be installed as an app in android device.**

Step 1: Turn on google voice input.

Step 2: Get text from voice input.

Step 3: Translate it into preferred language of deaf person. On device ML, I am using language identification and translation. First time downloading data model needs internet.

*Describe where your project is, how you could use Google’s help in the endeavor, and how you plan on using On-Device ML technology to bring the concept to life. The best submissions have a great idea combined with a concrete path of where you plan on going, which should include:*

* *(1) any potential sample code you’ve already written,*
* *(2) a list of the ways you could use Google’s help,*
* *(3) as well as the timeline on how you plan on bringing it to life by May 1, 2020.*

**Tell us about you.**

I have been developing software since 1996. I am grand new to Android. I develop bothway swipe button for confirmation (left to right) and rejection ( right to left swipe ). A great idea is just one part of the equation; we also want to learn a bit more about you. Share with us some of your other projects so we can get an idea of how we can assist you with your project.

**Next steps.**

**My github repository is https://github.com/debmalya/AndroidDevChallenge . Currently I am translating from English to French. Working on to make it a choice from user. Other than translation, I would like to tone and sentiment analysis. This is developed for person with hearing challenge. They not able to detect the way (tone and sentiment) people talked to them. Here I am looking help from google to do on device sentiment and tone analysis.**

* Be sure to include this cover letter in your GitHub repository
* Your GitHub repository should be tagged #AndroidDevChallenge
* Don’t forget to include other items in your GitHub repository to help us evaluate your submission; you can include prior projects you've worked on, sample code you've already built for this project, or anything else you think could be helpful in evaluating your concept and your ability to build it
* [**The final step is to fill out this form to officially submit your proposal.**](https://docs.google.com/forms/d/e/1FAIpQLSe43koQL33IzgxXQl29Ex3AhFuqd4hQzxLiXREqwRkDGtx1vA/viewform?usp=sf_link)