Tell us what your idea is.

Title of the app - "To Your Sight"

The idea of "To Your Sight" is to make life easier and happier especially for blind people. Most of the people spend their free time reading novels and forwarding memes. But this happiness somewhere stays back for blind people. So the concept is to implement the same for them as well. The app will let the user select (via speech) what he/she wishes to listen to. For example, the user can ask the app for some memes, or comics, or novels, or some short stories! The users will have their own profiles as well. But this is not all. The main part of this app will be powered by "Machine Learning APIs" which will help the voice assistant to learn about the different tones of speaking for different contents.

Tell us how you plan on bringing it to life.

The project is in the planning stage. I had this idea for a little while and saw that the "AndroidDevChallenge" is live as well which gave me a path to stick at. For now, the idea is fixed as elaborated above. Though, some features might be added in the future as well.

Right now, the app is in the planning stage.

HELP OF GOOGLE -

Google's API will be a big help in the development of this app. I will be using the following APIs from Google -
1. Firebase ML Kit Text Recognition API
2. Firebase ML Kit Language Identification API
3. Firebase ML Kit On-Device Translation API

4. Google Text To Speech (TTS) API

5. Google Speech To Text (STT) API

6. Google Sign-In API

NOTE: I might use any other Google API as well depending upon other features that I might add to the app in the future.

Timeline of the app would be as follows:

By November 2019 - Planning, feature-listings, screen-wireframes

By December 2019 - Project setup, initiate development with integration of Google Text to Speech and Speech To Text APIs.

By January 2020 - Login, Integrate ML APIs, Other Firebase and Google APIs

By February 2020 - Implement main features

By March 2020 - Testing

By April 2020 - Release for users

From May 2020 onwards - launch a release every 4 months with extra features and enhanced APIs

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Tell us about you.

I am Kuhuk Sharma from India. I am a professional full-stack software developer and my main domain is Android. I graduated in July 2018 (B.Tech - CSE) have been a professional software development since then.

In general, my tech stack includes LAMP, Node.js, Flutter, and Android of course! I am looking forward to turning my idea into the happiness of blind people with Google's help! :)

In my professional career, I have developed several android applications -

1. Tak –
https://play.google.com/store/apps/details?id=com.indiatoday.mobiletak

2. Memeois –
https://play.google.com/store/apps/details?id=com.memeois.memeois

3. Internshala –
https://play.google.com/store/apps/details?id=com.internshala.app

The rest of my apps are not available over Google Play since those applications were developed for some specific clients of my employers.

More about me –
LinkedIn Profile Link – https://www.linkedin.com/in/kuhuk-sharma-451b81139/
GitHub Profile link – https://github.com/kuhuk/

Happy coding! :)

Next steps.

- 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.**