**\*Please make a copy of this document and include this in your GitHub repository for your submission, using the tag #AndroidDevChallenge\***

**Tell us what your idea is.**

The idea is to use the AI/ML technologies for helping visually impared/blind people. User can use this app as an assistant. App will use voice technologies for interaction with user. App can help in many ways, few are:

1. User can know his current location
2. User can read the captions like road signs, menu etc.
3. User can know the objects in front of him

App will be using computer vision powered by on device ML for object detection.

Few examples of interactions are:

*User: What is in front of me?*

*App: Chair*

*User: Where am I?*

*App: Google office.*

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

POC is done for few actions and object detection.It was done on Android Things kit. Following use case is working:

*User: What is in front of me*

*App: Object detected through Tensorflow model*

Google can help with the following:

1. Maturing the current solution
2. Add more cases based on the analysis and
3. Testing the solution

**Tell us about you.**

I am more of a consultant in mobility domain. Keen in innovations and new tools for developing cross-platform apps. Newly learned one is Flutter.

Recent project was around voice app for making an order using Google Assistant.

**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.**](https://docs.google.com/forms/d/e/1FAIpQLSe43koQL33IzgxXQl29Ex3AhFuqd4hQzxLiXREqwRkDGtx1vA/viewform?usp=sf_link)