

#AndroidDevChallenge

Tell us what your idea is.

Product Recognition . My Idea is to make an app for everyone not only for blind people. Where users can click a photo of any product like Dress,watches,shoes etc. They will find similar results of that product with same type,brand and color. Then they will be taken to purchase that product from amazon,alibaba and other sites.

I tried making a simple video to explain. VIDEO LINK

Tell us how you plan on bringing it to life.

I had this idea for a long time and was working on it and I saw #AndroidDevChallenge is live which gave me hope and confidence to speed up the work. We really hope to solve the problem and hope to make this product widely accessible.

First Phase:

We will add ML-Kit's object detection, to detect what kind of object it is Second Phase:

We will build feature where the product color and brand name is getting recognized. Third Phase:

Main part for training the models and displaying similar products

How Google could help us achieve the goal:

- 1. Provide a Mentor for the project and for improvement in the idea
- 2. By advising ways to optimise the ML model
- 3. Help us get a BETA audience

- 4. Free credits/trail for Google APIs until it's released
- 5. Data set for the project

Timeline:

December 2019:

- Documenting and Training Models
- Finalising the best possible method for the application
- Prototyping

January 2020:

- Development and Google Vision integration
- Implementing UI/UX for the App

February 2020:

Developing the Android application

March 2020:

Beta testing the Android application

April 2020 :

- Finalising the Android application
- Taking User Feedback and Making necessary changes

Tell us about you.

My name is Harshil Patel and I'm 20 years old developer from the India.I love coding and working on various Android and ML projects. I Have done many android projects so far. I want to make something helpful for users.I want to solve real world problems and make the solutions available to all. Keeping this in mind I would like to open source

project for the community. I am also an active member of GDG-Ahmedabad and Google Cloud Community Ahmedabad.

Linkedin - https://www.linkedin.com/in/harshil-v-patel/
My Projects Link - https://xenonstudio.in/projects

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.