Tell us what your idea is.

The feature focuses on the most vulnerable part of our society. Our future building blocks, the KIDS. No matter what language we speak, which part of the globe we belong to but when it comes to our children we have a common mindset. They should not learn/say or even hear bad, cuss words at a certain stage of life.

Idea is to mute these words if kids are watching something which is not U rated. Machine Learning can help us identify these words by listening to speech/audio and beep(mute) them.. By just toggling, we can make any video content kids safe. We are already on our way where we can interpret speech in any language using Google Translate. This feature would be an extension which can be used as an accessibility.

Tell us how you plan on bringing it to life.

This idea got triggered in my mind while watching an action hollywood movie. My child who is 1yr and 6 months was sitting next to me. All of a sudden I thought what would happen if she starts speaking like this using all bad words.
Regarding the project, currently it's an idea in mind. Google can help achieve this in reality by using translate api which will help us translate/interpret words with are considered as bad in any language. This can further be extended in multiple languages.
Pre defined words in database can help us identify bad words in audio. Comparing it can help us muting the audio at that time. We can further use srt files also to track words in video.

Tell us about you.

I am an experienced Android developer. I started my career on 16th Jan, 2012 as an Android dev Intern in a company in India. It's been a long way since then. Moving from MVC to MVP and MVVM.
Worked on number of features like Location, Maps, List, Material View, Architecture, Beacons, BLE and much more. This is my linkedIn profile for latest projects ->
www.linkedin.com/in/upasana-chauhan-315a3667.
While currently working in a company in Australia, I am building my own app as well for women's safety, which I feel the need of the hour. Besides this I am an active stack overflow member, giving back to the community.