Insight – An Application to Help Blind People

Insight is an application that would detect the objects in the user's surroundings. It can alert the user of the obstacles in his pathway and this way helps the user to navigate from one place to another saving him from tripping anywhere. It will also solve the problem of keeping a special device or a walking stick. This makes the use of smartphone, a common device available to anyone and used technology to make an application which can help the blind user detect objects in his surroundings and help him in navigating from one place to another. The output of the system is in audio form that can be easily understandable for a blind user. This application provides voice assistance to visually impaired people. It is convenient to use as pictures can be clicked by just pressing volume keys. Since there is no contact required for facial recognition like there is with fingerprinting or other security measures, facial recognition offers a quick, automatic, and seamless verification experience.
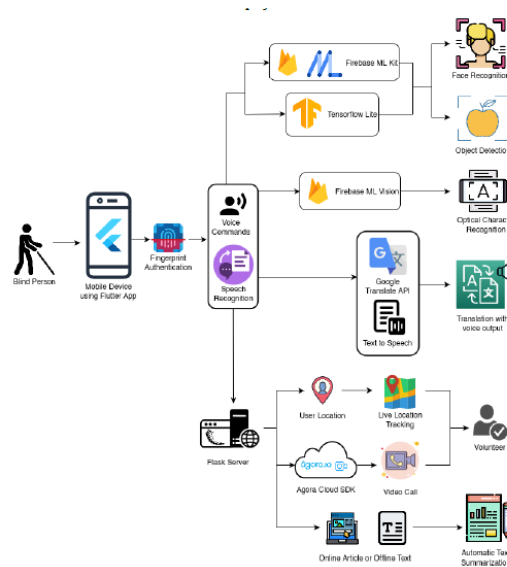
This is a cross platform mobile application which makes use of device's camera to perform various operations that help in day to day activities for the visually impaired. The idea is not just restricted to a simple mobile application as a system can be integrated with various other devices that can work on a live image capturing pictures manually cars) technique rather than taking pictures manually again and again.

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