

Project Proposal

Mobile App with Filters

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For Parallel processing project i would like to implement tensor flow on mobile app that work on android platform. The manifest of this application would be to provide different filters on the captured image. User clicks the image from inbuilt camera and will try different graphical filters right on the screen just after taking pictures. The requirement of this application would be android operating system minimum version Jelly Bean and up to latest one.

In today's era of technology and artificial intelligence. We need a computerized brain that can make decisions at rapid speed. In this app, I will use API's of tensor flow and system will follow the concurrent programming as well as parallel processing while using tensor flow libraries and android local libraries. In this application i will use the concept of data parallelism by using distributed version of tensor flow.

This application development would be a practice to learn the concept of parallel processing, data parallelism and machine learning. It would be fun having different funny graphical filters on the captured images.

For these reasons i decided to develop an application that identify spot to place filters on the image.