Currency Recognition Using Image Classification

Abstract:

Blind people usually find it hard to recognize currency which are not in proper shape or dimension. Image Recognition can help to recognize such notes which are not in proper shape, very easily. Many times, there are some scribble on notes which can make it more tough for recognize using image classification, but this problem can be solved by using a large dataset.

Here we will collect our own dataset for notes, which will include more than 500+ images of each note, this project aims towards recognizing notes no matter in what state they are using Machine Learning. In this project we will create a model which performs best to recognize images. Also, CNN can be used to increase the accuracy of the project. This project can be used with a global dataset to create a converter or build a note recognizing app. Basic android app will be implemented in this project to show the image recognition. This app will be helpful for blind people.