Image processing project proposal

Currency

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Currency

Project idea:

Checking whether the input image contains a currency note or not. We would store some images known as template in the database and match the template with the input image. If there is a match found, then further process will be performed:

* Detecting currency type.
* Counting cash.
* Recognizing fake currency.

Functions:

* Reading an image.
* Applying propriate filters and image enhancement to detect each symbol.  
  like: removing noise, image segmentation, adjusting contrast, rotating and edge detection.
* Determining currency type.
* Counting cash.
* Recognizing fake or damaged currency.

Block diagram:

A screenshot of a social media post

Description generated with very high confidence

Comments:

* We may make it an android app connected to cloud for processing