Image processing project proposal

Calculator

Team members:

* Yasmine Alaa
* Mostafa Yasser
* Berlnty Kerlos
* Mohamed Gamal

Calculator

Project idea:

Reading an image and detecting its mathematical symbols, we would store some images known as template in the database and match the template with symbols in the image, then producing its solving the problem.

Functions: 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.
* Solving the problem or equation (first order).
* Displaying the result.

Block diagram:

A screenshot of a cell phone

Description generated with very high confidence