

## **Requirements for Prototype Project given as a Collection of Features:**

- ◆ Group 1's project for project 3 represents a prototype of an image to text OCR reader and translation app. The software is written in python and operates as a script. It requires an image and a font file to use.
- ◆ When the program is started, an image will be taken in as input, and any text found on the image will be taken and translated to the user's desired language. Then, the original text from the source image is replaced with the translated text.

### **Documentation of the approval request for the Requirements:**

Hi Sushmitha,

Our idea for project 3 is to create a mock image google translate (diagrams attached). The program will take in an image as input, read the text on the image, translate the text, and replace the source text on the image with the translated version (likely in the form of a textbox with solid-color background). Please let us know if you have any questions and if this sounds a reasonable idea.

Thanks,  
Alice

