National Institute of Technology Karnataka, Surathkal
Department of Computer Science and Engineering
Mini project proposal – MID PROGRESS REPORT (Computer Graphics)
Class: VI Sem. B.Tech CSE (Jan.-Apr.2018)

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Date: 2nd February 2018, Friday

Implementation Platform:

MATLAB R2017
Jupyter Notebook (Python based)

Progress

As of 02 February 2018, the following progress has been achieved in the project.

- Reviewed existing and related work by researchers on this topic (Prior to 12 January 2018)
- Read code of related image processing algorithms to get an idea of how to proceed with project implementation. (15 Jan – 17 Jan)
- Implemented the image enhancement for data sets (17 Jan – 22 Jan)
- Implemented code for choosing optimal classifier and integration of various steps of image processing has been planned. (22 Jan – 27 Jan)
- Image segmentation has been implemented (28 Jan – 01 February)

Work Flow

Prior to 12 January
- Review of existing and related research work
- Went through publications remotely related to the same

15 - 17 January
- Read code of image processing algorithms
- Developed idea to implement the same

17 - 22 January
- Image Enhancement
  - Input : Blurred Image
  - Output : Clear, enhanced image of the same

22 - 27 January
- Implemented code for optimal classifier
- Integration of image processing (with code) planned
  - Outcome: Few errors

28 January - 01 February
- Image Segmentation implemented
  - Input : Image
  - Output : Segmented Image