

# CSE 573 Project Status Report

## Group 52

### 1. Team Information:

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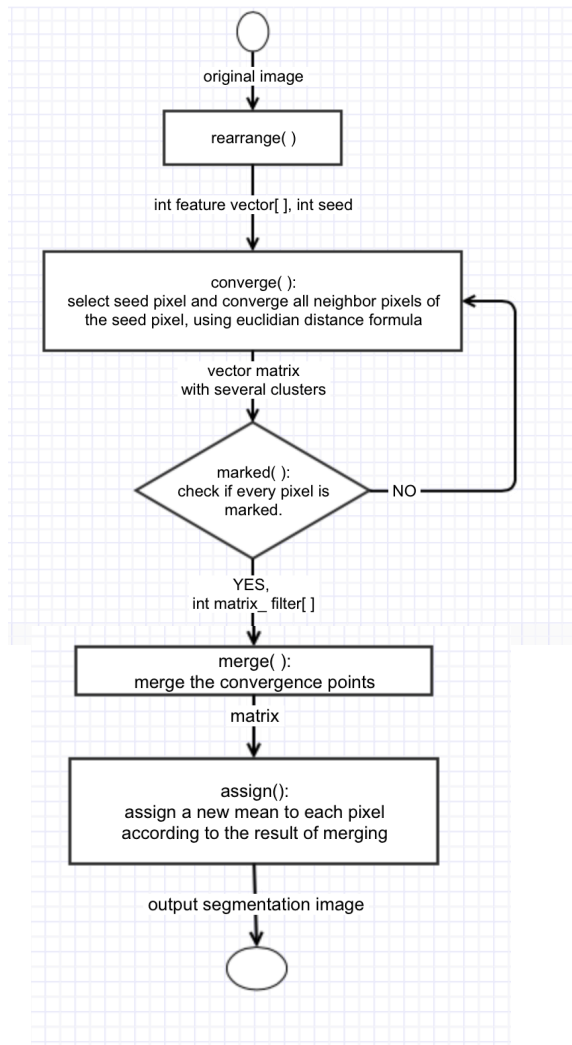
Project #1: Mean Shift Segmentation

### 2. Requirements:

- a. Objective: First, do the mean shift vector algorithm iteratively to every pixel until convergence, and then repeat these steps till exhaust all points. Second, then do the merge part, merge the convergence points, and assign a new mean to each pixel based on the result of merging.

- b. Techniques: Filtering and Clustering

### 3. Flowchart:



#### 4. Workload Partitions:

Weiye Jiang: First part( filtering): rearrange(), converge(), marked()

Shih Chia Chen: Second part( segmentation): merge(), assign()

Do the reports together.

Since the output format of the filtering part is same as the input format of the segmentation part, we can do the two parts of the code at the same time.

#### 5. Schedule:

11/27~12/03 : Finish the first part( filtering): rearrange(), converge(), marked()

12/04~12/10 : Finish the second part( segmentation): merge(), assign()

12/11~12/15 : Writing final report