Thomas Bong

CSE 473

Professor Chen

November 22nd 2016

Final Project Status Report

1.Project Team Information:

a) I’m on my own group. Thomas Bong, 50126179. I’ve been assigned project 3, Disparity for Stereo Vision.

2.

a)For this project, the first task is to perform block matching with 3x3 and 9x9 block. Then we need to generate a disparity map for each block, using the Sum of Squared Differences Calculation. Then we get 2 disparity maps. With those disparity maps, we need to calculate the Mean Squared Error. Then, we use dynamic programming approach to get the longest common subsequent pixel value of the two images(from left to right) to get the disparity map. Repeat the dynamic programming approach from the right image to the left image. And calculate the Mean Squared Error for the two disparity maps generated by dynamic programming.