

3D Reconstruction using Time of Flight Sensors

EE/CprE 491 Weekly Report

Dec15-09

Week 11 (4/6/15-4/12/15)

Adviser: Tom Daniels
Client: VirtuSense Technologies
Members: Team Leader – Monica Kozbial
Team Webmaster – Sarah Files
Team Communication Leader – Kyle Williams
Team Key Concept Holder – Yee Zhian Liew



Weekly Summary

-working on VSClient code
-continue our research

Meeting Notes

4/7 Group meeting with members

Duration: 0.5 hour **Members Present:** All members except Kyle

Purpose and Goal: Met to plan what we are going to do for tomorrow meeting.

Achievements: We planning to meet during Saturday but most of us cannot make it.

4/8 Group meeting with members, and advisor

Duration: 1 hour **Members Present:** All members

Purpose and Goal: Have a discussion with the client on the project. Discussing the progress and problem of our project.

Achievements: Got the VSClient code from the client on Saturday.

Plans for Next Week

Monica: Research to begin process of interpreting sensor data to convert to Mesh.

Sarah: Research WPFs, draw UI screens for the Kinect and begin programming for it. Plan out a tutorial for first time users.

Kyle: Research methods of filtering out backgrounds and smoothing raw 3D data. Begin to implement.

Yee Zhian: Research on filter algorithm and scan model

Individual Contributions This Week

Monica: Adviser and group meetings (1.5 hrs), Research on implementing filtering algorithms (3 hrs)

Sarah: Adviser and group meetings (1.5 hrs), Research on a front end gui for the Kinect (modeling using the program that client gave us) (1.5 hrs)

Kyle: Adviser and group meetings (1 hr)

Yee Zhian: Adviser and group meetings (1.5 hrs), Research on scanning model (2 hrs)

Total Contributions for Project

Monica: 45.5 hrs

Sarah: 41 hrs

Kyle: 39 hrs

Yee Zhian: 41 hrs

