3D Reconstruction using Time of Flight Sensors

EE/CprE 491 Weekly Report	Dec15-09	Week 9 (3/23/15-3/30/15)

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
-Finishing up the design documents.
-setting up git linux repository.
-continue our research

Meeting Notes

3/24 Group meeting with members
Duration: 0.5 hour   **Members Present:** All members
Purpose and Goal: Met to plan what we are going to do for tomorrow meeting.

Achievements: We have set a lab meeting on Saturday afternoon.

3/24 Group meeting with members
Duration: 2 hours   **Members Present:** All members
Purpose and Goal: Working on the git repository and updating the newest version Kinect.

Achievements: Done with git repository.

3/25 Group meeting with members, and advisor
Duration: 1 hour   **Members Present:** All members
Purpose and Goal: Planning on skype meeting with Deepak to talk about our progress. He is sharing the example HMI in HTML and sample plugin code.

Achievements: Learning sample plugin code.

3/28 Lab meeting with members
Duration: 3 hours   **Members Present:** All members
Purpose and Goal: working on how to use Blenders.

Achievements: Got the Kinect working.

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 python on Blender.

Individual Contributions This Week
Monica: Adviser and group meetings (6.5 hrs)
Sarah: Adviser and group meetings (6.5 hrs)
Kyle: Adviser and group meetings (6.5 hrs)
Yee Zhian: Adviser and group meetings (6.5 hrs)

Total Contributions for Project
Monica: 36.5 hrs
Sarah: 38 hrs
Kyle: 33.5 hrs
Yee Zhian: 23 hrs