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Group Number: May 12-11
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Client: Siemens PLM Software

Weekly Report for 10/14/2012

Accomplishments of past week:

This week we confirmed with Siemens that we can do the following:

- Prototype the Ray Tracing and QSplat algorithms.
- Pre-processing on the Point Clouds (approximating normal vectors so we can shade).
- Use MeshLab and Point Cloud Library.
- Use the Qt Framework.

Additionally, they said that they will provide us with sampled point clouds which we can use to evaluate our prototypes. They expect to have this for us within a few weeks.

Plan for coming week:

- Begin prototyping the Ray Tracing and QSplat algorithms.

Pending issues:

Our development model needs to be defined. It is unclear if we will be prototyping in parallel (each take an approach) or in series (all focus on one at a time). There are advantages and disadvantages to either approach.

Individual contributions:

Joel - Made retroactive changes to weekly reports (wrong group #).

Chris - Communicated with Siemens.

Eric - Updated schedule for prototyping candidates.