Old-Town Osaka Viewer on Android Phone Osaka University July 20, 2012

-Sumin Wang

Progress

- Added live GPS positioning to Augmented reality application
- Measured angle of physical camera
- Wrote application to test error of sensors on physical device
- Wrote application to test uploading large files

Goals for Next Week

- Correct errors having to do with camera location in virtual world with respect to GPS coordinates
- Determine the error from the sensors and deal with accordingly. Filter out noise
- Upload large 3D file(s) into application and render only a subset of the models based on which are needed



Acknowledgements

- Osaka University Takemura Laboratory
- CalIt2 Immersive Visualization Laboratory
- University of California, San Diego
- Osaka University
- Pacific Rim Undergraduate Experience
- National Science Foundation, IOSE-0710726

- Dr. Kiyoshi Kiyokawa, Takemura Laboratory, Osaka University
- Dr. Jurgen Schulze, Immersive Visualization Laboratory, CalIt2, UC San Diego
- Dr. Shinji Shimojo, NICT, Osaka University
- Dr. Takefumi Hayashi, Kansai University
- Dr. Gabriele Weinhauser, PRIME Principal Investigator, UC San Diego
- Dr. Peter Arzberger, PRIME Principal Investigator, UC San Diego
- Dr. Jason Haga
- Teri Simas, PRIME Program Manager, UC San Diego
- James Galvin, Director of Opportunities Abroad and Faculty-Led Programs, UC San Diego