

University of Bourgogne

Software Engineering Project

Weekly Report

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1. Task completed

- Infrastructure setup
 - Github for code repository and file sharing.
Link for the repository - <https://github.com/Rogerpi/3D-Project>
 - Facebook group for communication

All the group members completed the following tasks:

- Software requirements installation
 - Qt compiled with MSVC 2015 x64
 - PCL 1.8.0 + VTK 7.0.0
 - Kinect SDK
 - Intel RealSense SDK
- Reading and analysis
 - Reading and understanding the main functionalities given in reports
 - Reading publications regarding 3D reconstruction
 - Understanding GUIs

2. Work in progress

- Software Requirements
 - OpenCV with Qt integration
- Understanding PCL library functions
- Understanding previous projects implementation

3. Task for incoming week

We have divided the work into 4 different topics. Everyone is going to focus in one topic, get information, check how it's implemented in last year projects and think about how can we improve that, so we can share information and discuss it next meeting.

- Preprocessing depth images (**Roger, Farid**)
- Registration algorithms (**Natalia, Amjad**)