3D Scanner C++ Project

Weekly report from 20/11 - 26/11

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Introduction

This software engineering project is about a 3D Scanner. Our goal is to replace the software Skanect by our own software emplementing on Qt. The previous master students start from scratch to write the code for this project. We have to modify their code and improve it.

Definition

A 3D Scanner is a device that analyze a real-world object or environnement to collect data on its shape and possibly its appearance.

Objectives

1. Educate ourself on 3D Scanner

2. Learn more about the components needed

3. Learn about the libraries

4. Select the best repository based on our previous steps

Organization

We decided to create a Trello board for our project management and create a gitHub for the group where our source code and report will be push. We will also write weekly report to be able to remember each step of our project, the issues encountered, the modification of the code, new updates...

Repartition of the work

For this 2 weeks of work:

- Jaafer was in charge of downloading the sotwares needed.

- Meldrick Create the github account and write the Readme.

- Danie was in charge of the communication with previous students to get more informations and ask questions.

- Selma was in charge of the creation of the Trello account and its update.

Reference

- **Trello account** https://trello.com/b/MaBdGQ7p/software-engineering

- **GitHub account** https://github.com/MSCV1-2017/3D-ScannerProject

- **Group 1 repository form the previous year student** https://github.com/umaatgithub/3D-KORN