



Area 5

Purpose and Overview

Intended Audience and Intended Use:

The company is our client, and they will obtain a software system that would help companies personnel create documents describing how exactly the solar system should be built.

Product Scope:

We will have to create a software that should tie everything together into a single working software tool that takes a 3D model file along with any user input needed, and then produces the documents that can be sent for approval.

Possible Risks / Complications:

There are a couple of possible risks that might occur during the task:

1. Other teams will have problems with their parts
2. Troubles communicating with other teams
3. Implement everything together
4. Different data format provided by each team

Requirements specification

Purpose of the team's deliverable

The purpose of our team is to finalize the data and present it into a 3D model in pdf document.

A high-level overview of the team's deliverable

We are going to get the data from 4 team and create a software that will tie the whole data into a document. That document that will presented to the customer in the final steps we will deliver a 3D model of the roof top and summarize all the other things needed for the pdf..

Complete functional requirements of the team deliverable(добавить больше деталей)

We need to create a software that will me able to

1. Get the information from other teams, by communicating with the team leaders of other teams to get the XML document
2. Parse data, by creating an algorithm
3. Combine the data into a single XML file
4. Create the image from parsed data
5. Create a PDF with image and descriptions

The most important quality attributes (non-functional requirements) of the team's deliverable

- We are going to make our software reliable by testing and fixing bugs
- And also it should be easy to use

Implementation plan of the team's deliverable

1. First of all we are going to run thro a whole project to understand the goal and what we need to do to make it.
2. Out part of project is to tie the whole data into a document we are going to communicate with each team
3. Then we are gonna choose the way and tools to build a project
4. And finish deliverable