Requirements specification (Team 2)

## Purpose and Overview

### Intended Audience and Intended Use:

This SRS1 will be available for the Team 2 of the SSP2 of the 2022 SE3 course as a guideline for a common idea of the project. It will also be available for other TL’s4 and the PL5 for seeing what our work is about and propose suggestions for further improvements of the project.

### Product Scope:

Our goal is to create a software which would calculate the most optimal location and pathway on the roof for the local fire brigade for security necessities in case of fire. This will be done according to the Lithuania’s fire security regulations and the data provided by the Team 1. ***Note:*** Solar panels will not be allowed to be placed on the calculated zone.

### Possible Risks / Complications:

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

1. Being late on the deadline because Team 1 will not have provided their data result in time which is needed to create relevant calculations for our part.
2. Our calculated result might not satisfy the needs of Team 3 – we will need to communicate in order to create a software that will make their work easier.

### Definitions and Acronyms:

1SRS – Software Requirements Specification.

2SSP – Solar System Project

3SE – Software Engineering

4TL – Team Leader

5PL – Project Leader

## Specific Requirements

### Functional requirements: *NECESSARY*

### External Interface / other: (?maybe not needed)

### Quality attributes (non-functional req.): *NECESSARY*

### Implementation

### Plan of action:

*Smth like that:*

Talk to team 1 and team 3.

Create test data for our purposes.

Create algorithm to calculate what needed.

Test algorithm with test data.

Test with visuals.

Implement data from team 1.

Decide how to export our results to team 3.

### Job distribution: