
Security of Computer Systems

Project Report

Authors:
Stanisław Smykowski 184787
Mateusz Sowiński 165434

Version: 1.0

Versions

Version	Date	Description of changes
1.0	20.04.2023	Creation of the document, control term summary
1.1

1. Project – control term

1.1 Description

The goal of the project is to create a simple desktop application to communicate between two users. It will allow sending text messages and files. All communication will be executed in non secure channel so it has to be encrypted. Product will allow to choose between various encryption algorithms.

1.2 Results

By now we have chosen the technology for this project. Our choice is JavaFX. We have implemented Simple interface, handlers methods, socket communication all with its own thread. Races were a real concern. In attached video we presented basic functionalities.

1.3 Summary

We have to implement whole features regarding encryption, key handling and maybe logging in. By now Our work was mainly to create frameworks for a future development. I may not seem so, but we achieved a lot.

2. Project – Final term

2.1 Description

Content

2.2 Description

Content

2.3 Description

Content

2.4 Results

Content

2.5 Summary

Content

3. Literature

- [1] Article.
- [2] Website, (access date).
- [3] Book.