**SimpleMerge project management report**

**Progress history**

**Introduction**

The goal of this project is to create a SimpleMerge information system using Java language. The SimpleMerge displays two text files next to edit panel (side by side) and the user can use several functionalities: load, edit, save, compare 2 files and merge. This document describes the requirements of this program.

The SimpleMerge program is implementing some feature of the software that is comparing 2 files and merge copy text for the difference sequence. Also, the SimpleMerge can use Load, Edit and Save features of the software.

GitHub repository: <https://github.com/lukiux/SimpleMerge>

In GitHub repository, there is some folders: Document, Java Sources and README.md.

In document folders – there are documents for the SimpleMerge program related with SRS requirements, analysis (Domain model), design (System sequence diagram) and screenshots which is usage our program running.

In Java sources folders – there are codes of Java language.

In README – there is presented a member of project team.

Progress project during weeks:

Week 1:

1. Create GitHub repository
2. Planning the goal of this project
3. Indicating on the project report about SimpleMerge goal
4. Writing SRS document (USE CASE, Non-functional, System sequence diagram, etc.)

Week 2:

1. Develop SimpleMerge program and design GUI components
2. Writing Java codes source for every class based on SRS
3. Creating SSD (System sequence diagram)
4. Launching SimpleMerge program
5. Finishing 2 features from loading/editing/saving files and comparing two files.
6. Updating SRS document and SSD diagram
7. Recording project management report.

**Experience**

The program task is very helpfully me for learning to design GUI components and improving a skill of level from design model, also improving Java language skills. After the project execution, I have been to learn how Java MVC concepts start to launch the program in Eclipse development. So, I have been to learn LCS algorithm and them the difference sequence for using the compare feature.