**SE 2017 Spring Term Project:**

**Development of SimpleMerge Final Report**

**1. Team Members & Roles**

1) Members & Roles

2) Team Progress

**2. Program Description**

1) Outline

2) Main Functionality

**3. Development Environment**

1) Development OS

2) Development Tool

**4. SRS (Software Requirement Specification) – 수빈**

1) Introduction

2) Use Case Diagram

3) Use Case Description

4) Non-functional Requirement

5) Requirement Dependency Traceability

6) Development and Target Platforms

7) Project Glossary

8) Document Revision History

**5. Design & Implementation**

1) Development Process Model

2) MVC Pattern

3) Data Design

4) Model Design

5) View Design

6) Controller Design

7) Observer Design

8) Util Design

9) Class Diagram

10) State Diagram

**6. Object-Oriented Design Principles**

1) OOP Principles

2) SOLID Principles

3) UML Diagram

**7. Test**

1) Functional Unit Test Cases

2) UI Test Cases

3) System Test Cases

**8. Execution Screen & Explanation**

1) First Screen

2) Load

3) Edit

4) Compare

5) Select Block and Merge

6) Save

**9. Project Management**

1) Chosen Version Control System

2) Project Progress by Github

3) Experience of Our Team