

**CS102****Spring 2020/21**Project  
Group**G2H**

Assistant:

**Serkan Demirci**

# **~BlaBlaSpell Checker and Corrector for Eng- lish~**

**G2H**

Criteria	TA/Grader	Instructor
Presentation		
Overall		

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## **Detailed Design Report**

**( version 2.0 )****4 Mayıs 2021**

## **1. Introduction**

BlaBlaSpellchecker is a desktop application designed to deal with spelling errors, silent consonants, variable spellings of the same word ending, words with a difficult pronunciation, etc., of assignments of college students. It provides a convenient and time-saving spell checking tool with a pleasurable interface and ease of use. It also provides practicing opportunities via a game for practice within the scope of application.

## 2. System Overview

BlaBlaSpellChecker is an application for the Desktop Platform. It will be developed on Swing. Layouts will be created via Eclipse and NetBeans.

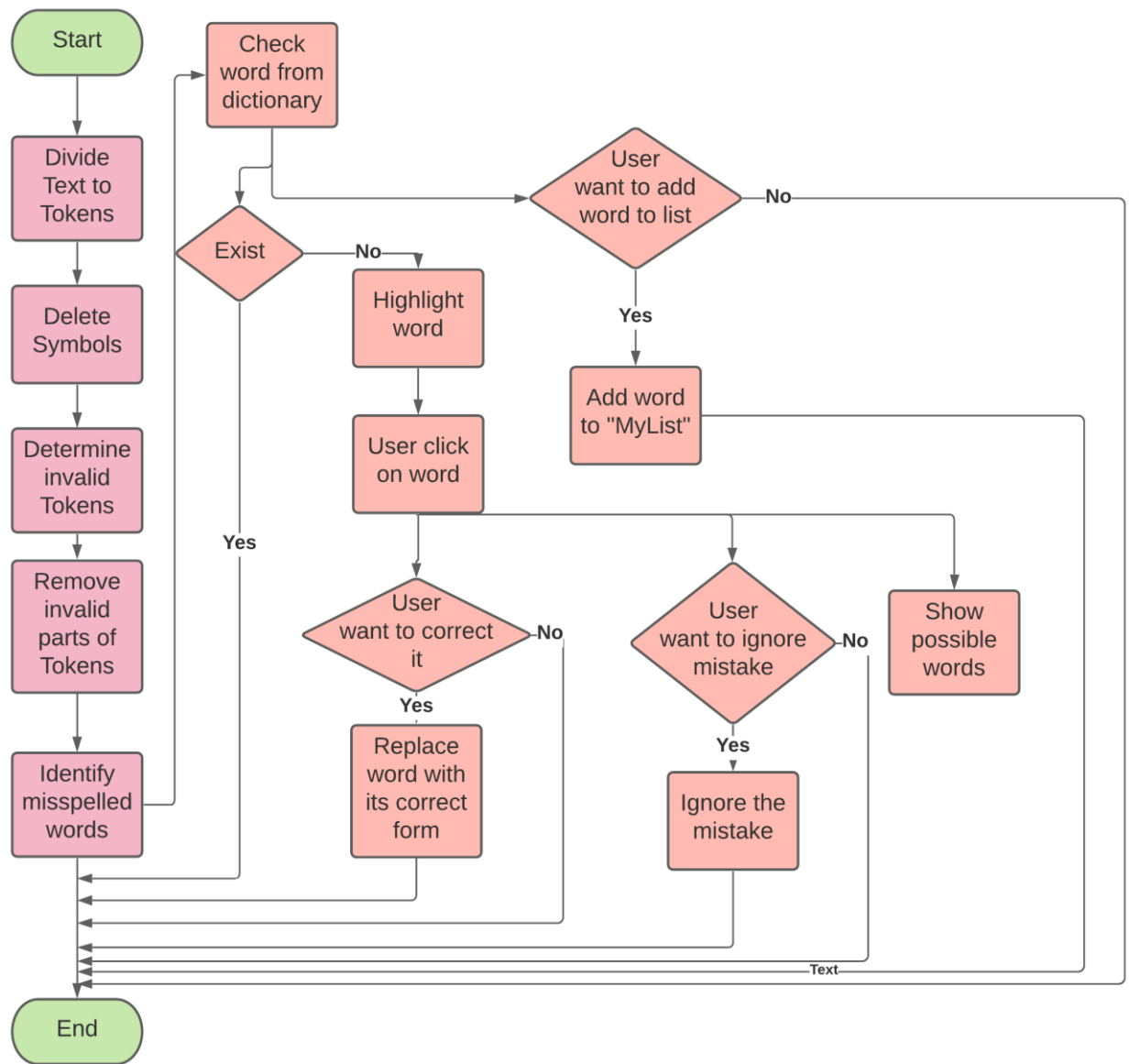


Figure 1: System Overview Of Our Program

### 3. Core Design Details

UML diagram of the application is shown below. It is prepared using the Lucid application. The methods and properties of each class are listed under the relevant ones.

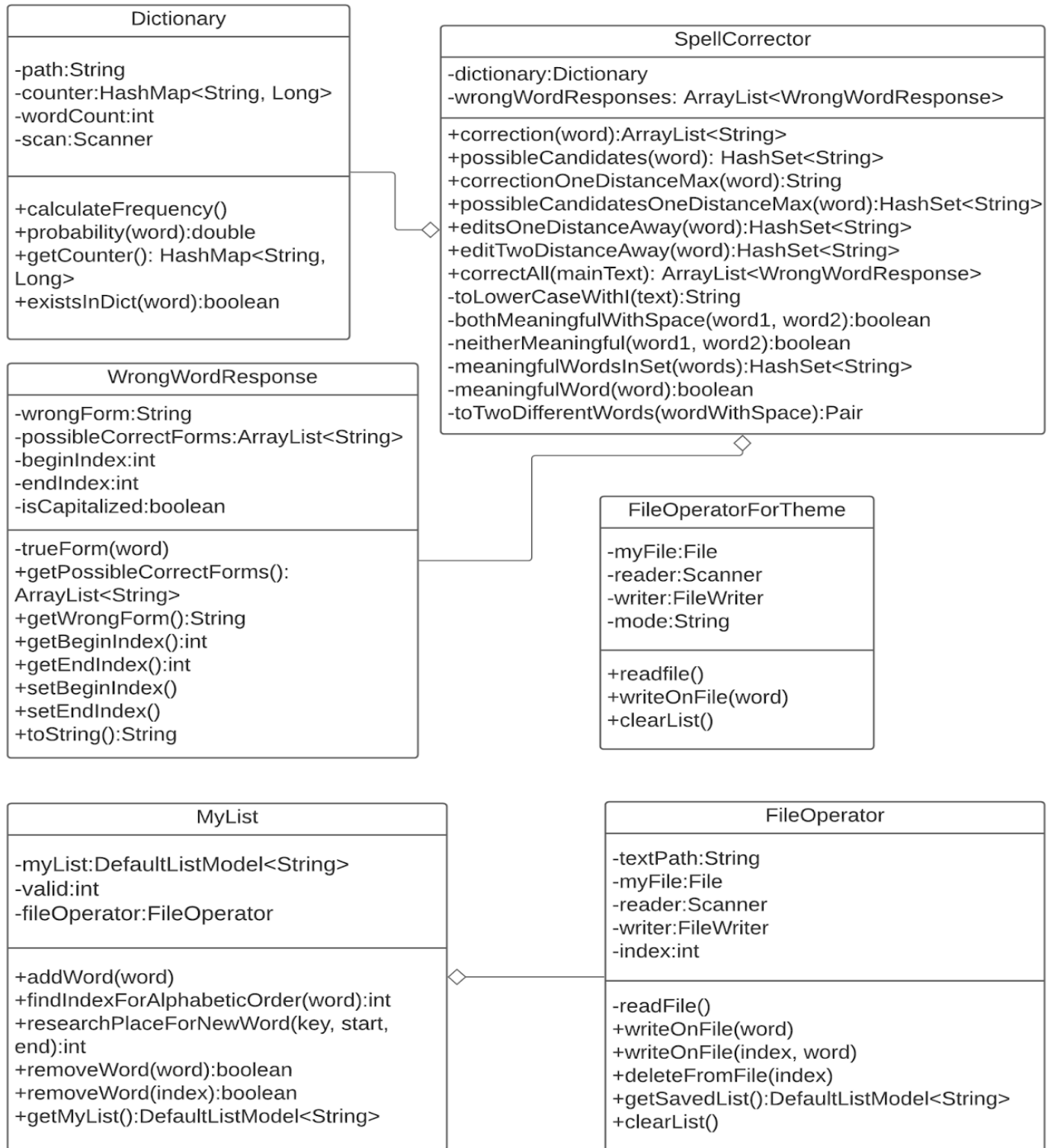


Figure 2: Core Design Of Our Program

## 4. Task Assignment

Kaan Berk Kabadayı

- Dictionary class
- WrongWordResponse class
- SpellCorrector class

Ahmet Şahin

- FileOperator class
- FileOperatorForTheme class
- MyList class
- GUI (Rest of classes related to GUI and its components like MainPageGui, StartSpellCheckerGui, MyListGui, FreeWritingMode, MouseAdapterForPopup, Highlight classes)

Utku Boran Torun

- BoldAction class
- ItalicAction class
- ForegroundAction class
- FontAndSizeAction class
- StyleButtonCreator class

Süleyman Gökhan Tekin

- GameGui class

Bengisu Buket Karadoğan

- ChooseDifficultyGui class
- ChooseWordGui class