Group Name: Foo-bar
Class: CSE 360
Recitation Section: Friday 10:45 AM

Group Members:
Heidi Mitre
Cassandra Guerra
Karen Shemer
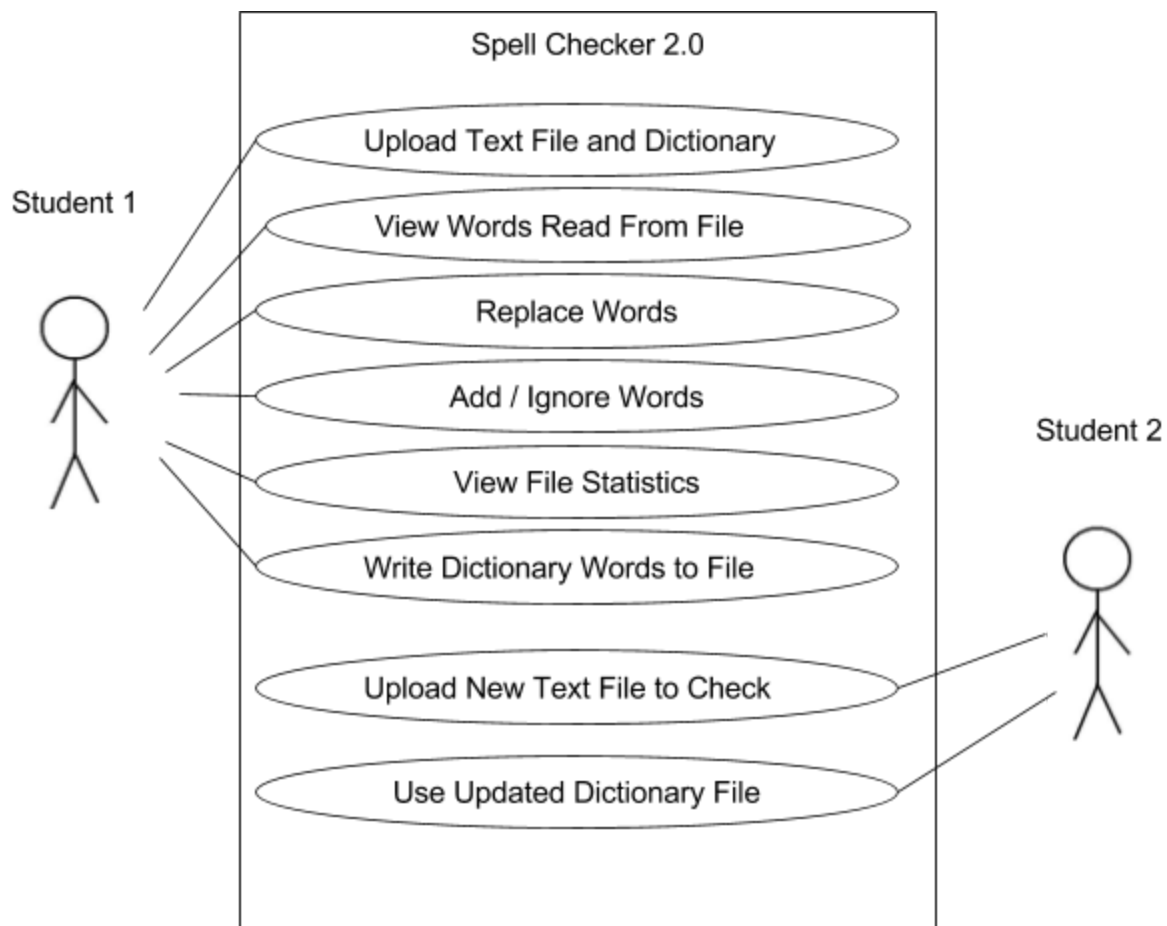
Distribution of Work

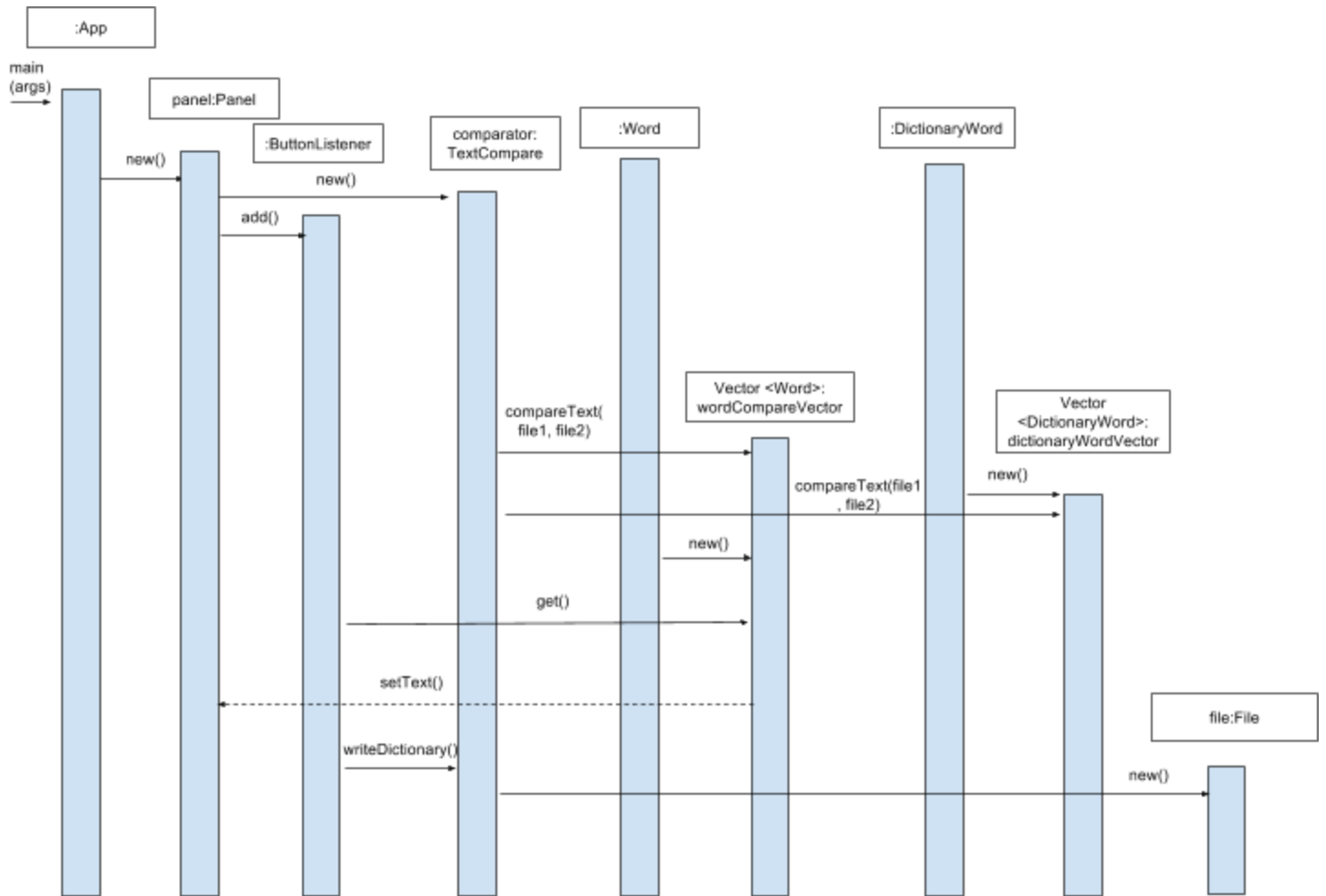| Task	Days	Team Member
Create TextCompare class to hold data structures and perform text comparison	2	Heidi Mitre
Create classes for Word and DictionaryWord objects	1	Heidi Mitre
Test all methods within TextCompare to confirm functionality	1	Heidi Mitre
Create static GUI elements	3	Cassandra Guerra
Add functionality to dynamically view words and ignore/ add them	4	Cassandra Guerra, Karen Shemer, Heidi Mitre
Test GUI with input files to confirm functionality	4	Cassandra Guerra, Karen Shemer, Heidi Mitre
Create methods to add or ignore dictionary words	1	Karen Shemer
Create functionality to save dictionary file when complete	3	Karen Shemer
Test functionality to confirm dictionary file is updated when saved	4	Cassandra Guerra, Karen Shemer, Heidi Mitre
Display all words from input file in GUI and allow user to select words	3	Heidi Mitre
Add replace method and update button listener for replace button	2	Karen Shemer
Add variables to store statistics and update display when values are incremented	2	Cassandra Guerra
Test with multiple text files and fix GUI issues	2	Cassandra Guerra, Karen Shemer, Heidi Mitre

A user will use the spell checker to compare text inputs with a dictionary. When the program starts, the user will see a help screen. The user will enter the filename of an input text file and the dictionary. The program will then display all the words from the input text file. At this point, the user can decide to either ignore each of these words or to add them to the dictionary. The user can write dictionary words to a file by clicking "Save All" before opening another file. In the case that the user inputs the wrong name for a file, an error message will display, and the user can try again. The user can repeat the process of uploading a text file to compare to the dictionary as many times as he/she wishes, and the program will only end when the user chooses to close it.

Use Case Diagram

Sequence Diagram

Original GUI Mockup

Add	Dictionary 2.0	Upload File 1
Ignore		Upload File 2
		Save All

Add word to dictionary or ignore word?

word

SpellWhiz 2.0

Type in file names under 'Insert File Names'
Click 'Upload Files' to upload
Add/ignore selected word using 'Add' and 'Ignore' buttons
Use the 'Export Dictionary' button to export to a file

Insert Filenames

sampleText.txt

testDictionary.txt

Upload Files

Replace

Statistics:
Words In File: 0
Words Replaced: 0
Words Added: 0
Lines Read: 0
Words Ignored: 0

Add Word	Ignore Word
Previous Word	Next Word

Export Dictionary