Summary of Hours and Justification

Semester 1

Number	Task and Milestones	Team Member	Hours
1	Develop a way to create an Intermediate Representation (IR).	Sheffi Kevin Garret	6 6 6
2	Research relevant questions to the field of Natural Language Processing (NLP).	Sheffi Kevin Garret	9 9 9
3	Update documentation related to the project.	Sheffi Kevin Garret	5 5 5
4	Specify which NLP processing tool will be used.	Sheffi Kevin Garret	3 3 3
5	Validate code and tools.	Sheffi Kevin Garret	4 4 4
6	Verify that the layout and code of the NLP tool have met requirements.	Sheffi Kevin Garret	4 5 5
7	Perform a test run of the parser. Adjust accordingly.	Sheffi Kevin Garret	1 2 1
8	Upload content to the GitHub repository as work is completed.	Sheffi Kevin Garret	3 4 3
9	Maintain constant communication with faculty advisors.	Sheffi Kevin Garret	20 20 20
10	Research various parsers that could be of use for this project.	Sheffi Kevin Garret	4 4 3

Semester 2

Number	Task and Milestones	Team Member	Hours
1	Inter-rater agreement calculations	Sheffi Kevin Garret	0 6 0
2	Programming a classifier to do the temporal / non-temporal classification of Requirements	Sheffi Kevin Garret	5 4 5
3	Continued documentation updating	Sheffi Kevin Garret	5 5 5
4	Research and conduct demos using various Classifiers, such as Random Forest	Sheffi Kevin Garret	3 3 3
5	Validate approach is correct	Sheffi Kevin Garret	3 3 3
6	Verify that the layout and code of the NLP tool have met requirements.	Sheffi Kevin Garret	2 2 2
7	Performance and test metrics of the classifier we build	Sheffi Kevin Garret	2 2 2
8	Continue to upload content to the GitHub repository as work is completed.	Sheffi Garret Kevin	3 4 4
9	Continued constant communication with faculty advisors.	Sheffi Kevin Garret	20 20 20

Explanation

Some group members handled certain tasks by themselves. This explains low, or non-existent hours, for some of the tasks. Tasks were divided relatively evenly between group members, with only a split in the labor when it concerned the implementation aspect of our classifier. For example, before we could go about creating a classifier, we had to make sure we had a proper inter-rater score, but while calculating that, initial implementation of the classifier had to begin. Some members stayed back to work on the calculations, while others went ahead and began researching proper ML classifiers. This is really the only true “split” between the combined efforts of team members. All other activities were performed cohesively.

Total Hours for Project

Sheffi: 59 hours in 1st semester, 43 hours in 2nd semester, 102 hours total

Kevin: 62 hours in 1st semester; 49 hours in 2nd semester; 111 hours total

Garret: 59 hours in 1st semester; 44 hours in 2nd semester; 103 hours total