

| Team Member | Task                               | Hours | Challenge  |
|-------------|------------------------------------|-------|--|
| Abha        | Obtaining data sets                | 1     |  |
|             | Research Input Features            | 8     | Fewer Semantic Features than Syntactic   |
|             | Data Preprocess                    | 2     |  |
|             | Input Features Implementation      | 6     | Finding best libraries and methods for feature implementation  |
|             | Neural Network Implementation      | 2     |  |
|             | Feature Selection Research         | 3     | Coming up with optimal relevant features   |
|             | Research & debugging               | 2     | Tensorflow update meant certain methods were obsolete  |
|             | Report                             | 3     |  |
| Rupsi       | Obtaining data sets                | 1     |  |
|             | Research additional Input Features | 4     | Finding best libraries and methods for feature implementation  |
|             | Data Preprocess                    | 3     |  |
|             | Baseline Model Implementation      | 6     |  |
|             | Evaluation Measures Implementation | 2     | Incompatibility made it hard to make use of existing functions with tensorflow (could not find a compatible implementation for permutation feature importance) |
|             | Feature Selection Research         | 3     | Coming up with optimal relevant features   |
|             | Research & debugging               | 3     | Tensorflow update meant certain methods  |

|  |        |   |               |
|--|--------|---|---------------|
|  |        |   | were obsolete |
|  | Report | 3 |               |