**Group 6 Ambassador Declaration**

I hereby declare that I communicated with following people of other groups with the aim of sharing and exchanging group essay ideas.

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| **Name** | **Group No.** | **Signature** |
| Nishant Mohan | 9 |  |
| Divyanshu Marwah | 11 |  |
| Abhishek Verma | 12 |  |

**Minutes of Meeting**

Group 6 - Minutes of Minutes

[Group 6 Github Link](https://github.com/amittal-tcd/TCD-work/blob/master/Text%20Analytics/Predicting%20Day%20of%20Week%20from%20review%20text%20in%20amazon%20reviews/Step2%20-%20Model%20Improvement%20and%20Feature%20Importances/Model.ipynb)

Team decided to conduct a meeting on every Friday of the week.The group met regularly to discuss the progress and decide next steps.

1. Meeting on 21st February

* Discussed the ideas gathered from the readings
* Decided to also look for more other ideas and dataset
* Explored research topics and research questions to which answers to be sought
* Concluded with few ideas to be discussed with the Professor

1. Meeting on 28th February

* Discussed the new ideas
* Came up with final idea to be presented to the professor and discussed to finalised it with the Professor
* Hypothesis testing to be conducted

1. Meeting on 6h March

* Mid term essay writing

1. Meeting on 13th March

* How model accuracy can be improved was the question the team tried to solve
* Defined future methodology to be followed

1. Meeting on 20th March

* Discussed the shortcomings received from peer reviews and how those can be tackled
* Explored how to find correlation between the features and target variable
* Divided work among team members to research on their part

1. Meeting on 27th March - [Recording Link](https://drive.google.com/open?id=19aOlDi-fiiRbS9tNfgaAZp8ptDyNS9fI)

* Introduction of SHAP by a team member
* Explained SHAP basics and concluded to read in detail about SHAP
* Discussed in detail the methodology like POS, complexity features, rarity of words with the team members
* Research on Count vectoriser vs Tf-Idf; which would serve us better

1. Meeting on 3rd April - [Recording Link](https://drive.google.com/open?id=1txycJZ0StlEcoHP1pUoIoiy5j0KPgHD8)

* Summarised how to build lexicon based on the features
* Discussed about complexity of words and rarity of words using zipFscore
* Making unigrams with their p-value and their importance

1. Meeting on 10th April - [Recording Link](https://drive.google.com/open?id=1Ku1-BFuezLnqtcX8fJJuUJKPVFj2VS_3)

* Combining everyone’s work
* Updating methodology and Writing up new results

1. Meeting on 13th March

* Finalising the essay
  + Proofread the document
  + Put in contributions