Synopsis

1. **Project Statement:** Several people find it difficult to use appropriate words while typing anything. So, designing a next word predictor will be an easy solution to avoid confusions and save time of the users.
2. **Approximate duration (in hours) to complete the project** : 45 – 60 hours
3. **Proposed Project In charge:** Dr. Vinay Kukreja, Dr. Manish Kumar Jain
4. **Team Members along with roll no's:**
    a. Vidhyun Kapoor [1810991180]
5. **Check Points:**
    a. Does the project statement result in a product? If yes, what type of product?
    (It is an application which will allow the user to enter inputs and suggest the successive word/words.)
    b. If it is a product, can a prototype be made, if not, what is it, which we can produce that our teachers can evaluate.
    (Yes)
    c. Does the project statement use multiple concepts to achieve the outcome? (yes/no)
    (Yes)
    d. Does it have enough for our team members to do sufficient amount of work? (yes / no)
    (Yes)

6. **Technical Nodes** (*add more rows in the table below, if required)*

Subject / Area / Topic	Technical Nodes
Frontend	HTML, CSS
Backend	Python/R

7. **Prerequisites (in terms of knowledge, concepts and material) for doing the Project:**
Python/R, NLP, Deep Learning

8. **Material that may be required to make the project and where it might be available**

Jupyter Notebook, Deep Learning,
Dataset from Kaggle (www.kaggle.com)

9. **What could the total cost of the project?**
   ₹ 0

10. **Resources available to us:**
    https://www.w3schools.com/
    https://www.youtube.com/
    https://stackoverflow.com/
    https://towardsdatascience.com/
    https://scikit-learn.org/stable/