**Assignment 1 SBD Answer**

**Natural Language Processing**

**Total points: 90**

**UMID- 41272646**

**- A description of your own three additional features:**

1. **Left\_vowels**: I add the feature to see how many vowels are present in Left word.
2. **Right\_vowels**: I add another feature to see how many vowels are present in Right word.
3. **Len\_Left:** I add the last feature to know what the length of left word is.

- **The accuracy of your system on the test data using all 8 features (core + your own)**

The accuracy of my system on the test data using all 8 features (core + my own) is **95.57%**

**- The accuracy of your system on the test data using only the 5 core features from the class**

The accuracy of my system on the test data using only the 5 core features from the class is **96.17%**

- **The accuracy of your system on the test data using only your own 3 additional features**

The accuracy of my system on the test data using only my own 3 additional features is **89.48%**