**Project Development Phase**

**Model Performance Test**

|  |  |
| --- | --- |
| Date | 20 November 2023 |
| Team ID | TEAM-593070 |
| Project Name | Project – Image Caption Generation |
| Maximum Marks | 10 Marks |

**Model Performance Testing:**

Project team shall fill the following information in model performance testing template.

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Parameter** | **Values** | **Screenshot** |
|  | Metrics | **BLEU-1 SCORE: 0.55112**  **BLEU-2 SCORE: 0.328761** |  |
|  | Tune the Model | Validation Method - the model is trained on the training set (**train\_ids**), and the performance is evaluated on the testing set (**test\_ids**). This allows assessing how well the model generalizes new, unseen data, helping identify potential overfitting or underfitting issues.  Hyperparameter Tuning – we applied diffent values for learning rates, drop out rates and different number of LSTM units. |  |