**Project Development Phase**

**Model Performance Test**

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| Date | 28 November 2023 |
| Team ID | 592425 |
| Project Name | ASL Alphabet Image Recognition |
| Maximum Marks | 10 Marks |

**Model Performance Testing:**

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

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| --- | --- | --- | --- |
| **Sr. No.** | **Parameter** | **Values** | **Screenshot** |
|  | Metrics | **XgBoost Model:** MAE - 3044.4736,  RMSE – 5836.70183,  Accuracy – 93.43701  **Random Forest:** Accuray Score - 99.779483  RMSE – 4055.838423  MAE – 1651.2174874 |  |
|  | Tune the Model | Hyperparameter Tuning –  Validation Method - Cross validation |  |

Hyperparameter Tuning and Cross validation:



