**Model Development Phase Template**

|  |  |
| --- | --- |
| Date | 9 JULY 2024 |
| Team ID | 739661 |
| Project Title | Anemiasense: Leveraging Machine Learning For Precise Anemia Recognitions |
| Maximum Marks | 6 Marks |

**Model Selection Report**

In the forthcoming Model Selection Report, various models will be outlined, detailing their descriptions, hyperparameters, and performance metrics, including Accuracy or F1 Score. This comprehensive report will provide insights into the chosen models and their effectiveness.

**Model Selection Report:**

|  |  |  |
| --- | --- | --- |
| **Model** | **Description** | **Performance Metric (e.g., Accuracy, F1 Score)** |
| Model 1 | **Logistic Regression Model** | Accuracy: 0.99,F1 Score:0.99 |
| Model 2 | **Random forest model** | Accuracy: 1.0 ,F1 Score: 1.00 |
| Model 3 | **Decision TreeModel** | Accuracy: 1.0 ,F1 Score: 1.0 |
| Model 4 | **Gaussian Navies Bayes** | Accuracy: 0.97,F1 Score: 0.98 |
| Model 4 | **Gradient Boosting Classifier** | Accuracy: 1.0,F1 Score: 1.0 |
|  | | |