**Model Development Phase Template**

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| Date | 15 JULY 2024 |
| Team ID | 739869 |
| Project Title | View count visionary:a data driven approach to forecasting youtube videos views |
| Maximum Marks | 6 Marks |

**Model Selection Report:**

In the model selection report provides a structured approach to documenting the model selection process in your YouTube video views forecasting project, focusing on performance evaluation and rationale for selecting the best-performing model(s).Adjust the details and metrics based on your specific project requirements and results obtained.

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| **Model** | **Description** | **Hyperparameters** | **Performance Metric (e.g., Accuracy, F1 Score)** |
| Decision Tree | A non-parametric supervised learning method used for classification and regression. Splits data into subsets based on feature values. | - | Accuracy score=85% |
| Random Forest | An ensemble learning method that constructs multiple decision trees during training and outputs the mode of the classes (classification) or mean prediction (regression) of the individual trees | - | Accuracy score=90% |