Model Development Phase Template

Date	8 July 2024
Team ID	739728
Project Title	3d printer material prediction using machine learning
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	Hyperparameters	Performance Metric (e.g., Accuracy, F1 Score)
Decision tree	Decision tree has a hierarchical tree structure consisting of a root node, branches, internal nodes, and leaf nodes, decision trees are used for classification and regression tasks, providing easy to understand models.	-	Accuracy score=92%