

Model Development Phase Template

Date	15 July 2024
Team ID	740713
Project Title	Genetic Classification Of An Individual By Using Machine Learning
Maximum Marks	5 Marks

Feature Selection Report Template

In the forthcoming update, each feature will be accompanied by a brief description. Users will indicate whether it's selected or not, providing reasoning for their decision. This process will streamline decision-making and enhance transparency in feature selection.

Feature	Description	Selected (Yes/No)	Reasoning
Gene Expression Levels	Levels of gene activity in the individual's cells	Yes	High predictive value for classifying genetic traits
SNP Variants	Specific single nucleotide polymorphisms	Yes	Crucial for identifying genetic variations
Family History	Genetic history of close relatives	No	Data inconsistency and incomplete records