Model Development Phase Template

Date	July 2024
Team ID	739873
Project Title	Drug classification 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
Age	Age of the patient.	Yes	Age is a critical factor in drug efficacy and metabolism.
Sex	Gender of the patient (M/F).	Yes	Gender can influence drug response due to physiological differences.
Bp	Blood pressure levels (High, Normal, Low).	Yes	Blood pressure is a significant health parameter affecting drug choice and dosage.
Cholesterol	Cholesterol levels (High, Normal).	Yes	Cholesterol levels can impact drug metabolism and efficacy.

Na_to_k	Ratio of sodium to potassium in the blood.	Yes	Electrolyte balance is crucial for understanding drug interactions and side effects.
Drug	Type of drug administered.	Yes	This is the target variable we aim to classify.