Model Development Phase Template

Date	**10-JULY-2024**
Team Id	**740028**
Project Title	**Frappe Activity: Mobile Phone Activity Classification Using Machine Learning**
Maximum Marks	5Marks

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
users	Number of users	No	While user-specific data could be useful, it is not directly related to activity classification.
Item	Number of items	Yes	Relevant for distinguishing between different activity types or contexts.
Count	count	No	Basic count of activities might not provide additional insights beyond activity classification.

Daytime	Time of the day such as morning, noon, evening	Yes	Useful for analysing patterns in activities based on different times of the day.
cost	Is it free or paid	Yes	Can provide context about the accessibility or nature of activities, though less relevant for classification
weather	Climate change	Yes	Affects outdoor activities and can help explain variations in activity patterns.
Country	Which country	Yes	Useful for analysing cultural or regional differences in activity patterns.
City	Number of cities	Yes	Helps to identify geographical variations in activity patterns.
Name	Names of required activity	Yes	Provides context about the length of time an activity or service is used.