Model Development Phase Template

Date	27 January 2025
Team ID	SWUID20240011509
Project Title	Restaurant Recommendation System
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
User_ID	Unique identifier for each user	No	For predicting the restaurant
Gender	Applicant's gender	Yes	Relevant for assessing diversity and potential bias.
Married	Marital status of the applicant	Yes	Marital status can impact financial stability and eligibility.
Dependents	Number of dependents	Yes	Indicates financial responsibilities and influences capacity.

Self_Employed	Self-employment status	Yes		Self-employed individuals may have different financial profiles.
Applicant Income	Income of the applicant	Yes		It is crucial in determining the applicant's financial capacity.
Co-applicant Income	Income of the co-applicant	Yes		Combined income provides a more accurate picture of financial stability.
Amount	Amount applied	Yes		Fundamental for assessing the financial magnitude .
Amount Term	Term	Yes		The term influences monthly repayments and impacts eligibility.
Credit_History	Credit history of the applicant	Yes		A major factor in reflecting the applicant's creditworthiness.
user_Status	outcome	Yes		The target variable for predictive modeling – is essential for the project's goal.