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| Date | 10 June 2024 |
| Team ID | 740001 |
| Project Title | Online payments fraud detection using ML |
| Maximum Marks | 5 Marks |

**Model Development Phase**

**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.

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| **Feature** | **Description** | **Selected (Yes/No)** | **Reasoning** |
| Transactio  n. | Help ML models  to identify patterns and anomalies in transaction data. | Yes | - Amount, Currency, Payment method  (credit card, debit card, etc) , Card number (partial or hashed) |
| Merchant features | Understand the context and behavior of the merchant , used to detect fraud transactions. | Yes | Merchant ID, Merchant category,  Merchant industry, Merchant location |
| **Historical features** | Analyzing historical data can identify patterns | **Yes** | **User's past transactions , Merchant's past transactions, Device's past transactions** |

