**Model Development Phase Template**

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| Date | 20 June 2024 |
| Team ID | 740018 |
| Project Title | Determine : Loan from KIVA crowdfunding data |
| Maximum Marks | 5 Marks |

**Feature Selection Report Template**

The Feature Selection Report for KIVA crowdfunding data identifies key variables (e.g., loan amount, repayment term, borrower demographics) impacting loan success, enhancing model accuracy and efficiency.

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| **Feature** | **Description** | **Selected (Yes/No)** | **Reasoning** |
| Loan Amount | Amount of money requested | Yes | Strongly impacts loan success and repayment rates |
| Repayment Term | Duration of loan repayment | Yes | Essential for understanding loan duration effects |
| Borrower Demographics | Age, gender, location of borrower | Yes | Key for demographic analysis and targeting |
| Lender Count | Number of lenders per loan | No | Limited direct impact on loan outcome |
| Loan Purpose | Stated purpose of the loan | Yes | Influences lender decision-making |
| Partner Rating | Rating of partner organizations | No | Insufficient variability in data |
| Funding Date | Date when loan was funded | No | Redundant with other temporal features |