

Project Design Phase-II

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| Date: | 17 February 2026 |
| Team ID: | LTVIP2026TMIDS42037 |
| Project Name: | Online Payments Fraud Detection Using Machine Learning |
| Maximum Marks: | 4 Marks |

Data Flow Diagram

| Flow Step |
|---|
| User |
| Enter Transaction Details |
| Flask Backend (app.py) |
| Data Preprocessing (Encoding + Scaling) |
| Trained ML Model |
| Prediction Output (Fraud / Not Fraud) |
| Display Result on UI |