

Project Design Phase

Solution Architecture

Date	5 February 2026
Team ID	LTVIP2026TMIDS76029
Project Name	Online Payments Fraud Detection using Machine Learning
Maximum Marks	4 Marks

Solution Architecture:

- Solution architecture bridges the gap between the business problem (increasing online payment fraud) and the technical solution (machine learning-based fraud detection system).
- Provide a secure and scalable fraud detection system
- Enable real-time transaction monitoring
- Define system components and data flow
- Ensure accurate fraud prediction

Example - Solution Architecture Diagram:

