

## Ideation Phase

### Define the Problem Statements

Date	17 February 2026
Team ID	LTVIP2026TMIDS57934
Project Name	Online Payments Fraud Detection using Machine Learning
Maximum Marks	2 Marks

#### Customer Problem Statement Template:

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A fintech company processing online payments	detect fraudulent transactions in real time	fraud patterns are complex and constantly evolving	traditional rule-based systems cannot adapt quickly	concerned about financial loss and customer trust
PS-2	An online payment platform operator	identify suspicious user accounts early	high transaction volume creates false positives	limited behavioural insights and manual monitoring constraints	pressured to maintain security without hurting user experience