



INTELLIGENT FRAUD DETECTION & RISK SCORING SYSTEM

UAT TEST CASES



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UAT TEST CASES

PROJECT: INTELLIGENT FRAUD DETECTION & RISK SCORING SYSTEM

UAT-01: Real-Time Transaction Evaluation

Objective: Ensure transactions are evaluated within 1 second.

Precondition: Valid customer transaction.

Step	Action	Expected Result
1	Initiate a transaction	System receives request
2	System performs evaluation	Evaluation completed in < 1 sec
3	View logs	Processing time displayed

UAT-02: Medium Risk Alert Notification

Objective: Verify alerts for score 60–79.

Precondition: Simulated transaction with risk score 65.

Step	Action	Expected Result
1	Perform transaction	System marks it medium-risk
2	Wait for alert	SMS/Email/Push sent
3	Open alert	Shows amount, device, location

UAT-03: High Risk OTP Authentication:

Objective: Validate OTP trigger for score 80–89.

Precondition: Simulated high-risk transaction.

Step	Action	Expected Result
1	Trigger high-risk transaction	System holds it
2	System requests OTP	OTP generated
3	Enter correct OTP	Transaction approved

UAT-04: OTP Failure Blocks Transaction:

Objective: Ensure 3 wrong OTPs cause blocking.

Step	Action	Expected Result
1	Trigger high-risk transaction	OTP requested
2	Enter wrong OTP 3 times	System blocks transaction
3	Check logs	OTP failures recorded

UAT-05: Very High-Risk Transaction Block:

Objective: Validate automatic block for score ≥ 90 .

Step	Action	Expected Result
1	Perform very high-risk txn	System blocks instantly
2	System sends alert	"Suspicious Transaction Blocked"
3	Fraud Queue	Transaction appears in queue

UAT-06: Customer Clicks 'Not Me':

Objective: Ensure card is blocked immediately.

Step	Action	Expected Result
1	Open alert	"Not Me" visible
2	Click "Not Me"	Card is blocked
3	Complaint system	Auto-ticket created

UAT-07: Fraud Queue Verification:

Objective: Ensure flagged transactions appear correctly.

Step	Action	Expected Result
1	Open Fraud Queue	Transaction visible
2	View details	Location, device, score shown

UAT-08: Dashboard Metrics Display:

Objective: Verify fraud dashboard shows correct counts.

Step	Action	Expected Result
1	Load dashboard	Total alerts, blocks displayed
2	Apply filters	Data updates correctly