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# INTELLIGENT FRAUD DETECTION & RISK SCORING SYSTEM

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## UAT TEST CASES



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### PROJECT: INTELLIGENT FRAUD DETECTION & RISK SCORING SYSTEM

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#### **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.

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