

CR001: Add Networking Feature for Attendees (profiles + messaging)

CR002: Integrate Payment Gateway (Stripe + PayPal)

Scenario 1: Project Beginning – No Code Written Yet

CR001 – Networking Feature

Issue: Lack of clear design requirements for real-time messaging

- Author: Ivan (Frontend)
- Involved: Frontend, Backend
- Risk: Delay in architecture decisions
- Solution: Schedule additional stakeholder meeting to validate use cases
- Outcome: Addressing – draft redesign in progress
- Result (Rule Applied): Rule 4 – Documented in weekly meeting and reported in Confluence

CR002 – Payment Gateway Integration

Issue: Regulatory ambiguity (Payment Card Industry Data Security Standard compliance not verified)

- Author: Martin (Backend)
- Involved: Backend, Financial Advisor
- Risk: Implementation may not be compliant
- Solution: Legal team consulted for PCI-DSS alignment
- Outcome: Addressing
- Result (Rule Applied): Rule 1 – Reported early issue to avoid blocking coding phase
- Result (Scale): Impact Priority: High

Scenario 2: 50% of Code Completed

CR001 – Networking Feature

Issue: Backend API causes high response time in chat

- Author: Raúl (DB Admin)
- Involved: Backend, QA
- Risk: User dissatisfaction and failed test cases
- Solution: Optimize query logic and apply caching
- Outcome: Addressing
- Result (Rule Applied): Rule 5 – Added to implementation report with optimization chart
- Time Tracking Scale: Delayed (+15% over schedule)
- Budget Scale: On Budget

CR002 – Payment Gateway

Issue: Frontend conflicts when switching between PayPal and Stripe dynamically

- Author: Daarcye (Frontend)
- Involved: Frontend, QA
- Risk: User drop-off during payment
- Solution: change to modular payment component
- Outcome: Solved
- Result (Scale):

Issue Outcome: Solved

Scenario 3: 90% of Coding Complete

CR001 – Networking Feature

Issue: Chat module causes system slowdown during simultaneous user interactions

- Author: Josue (Backend)
- Involved Personnel: Backend, QA
- Risk: Performance bottlenecks during event peak usage
- Solution: Backend change with thread optimization and load testing
- Outcome: Addressing – partially mitigated, final validation pending
- Rules Applied:
 - Rule 1: Time exceeded - report created outlining cause (chat concurrency load)
 - Rule 5: Final report update required
- Scales:
 - Time Tracking: Delayed
 - Budget: Over Budget (exceeded by 15%)
 - Issue Outcome: Addressing
- Result: Delay in delivery, possible postponement of release by 2 weeks

CR002 – Payment Gateway

Issue: Stripe fails intermittently in production environment due to server configuration

- Author: Adan (DB Admin)
- Involved Personnel: Backend, Infrastructure Admin
- Risk: Payment failures during event registration = financial loss
- Solution: Reconfiguration of environment and implementation of fallback mechanism
- Outcome: Unsolved – risk accepted temporarily with monitoring enabled
- Rules Applied:
 - Rule 3: Analysis of the lack of experience in the equipment and the necessary technology is required
 - Rule 1: Final issue report delivered
- Scales:
 - Time Tracking: Delayed

Budget: Over Budget

Issue Outcome: Unsolved

- Result: Risk registered in release notes; feature will require patch in v1.1