

XP (Extreme Programming) Ceremonies Guide

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1 Core XP Practices & Ceremonies

1.1 Planning Game

- Duration: 1-2 hours
- Frequency: Weekly
- Participants: Whole team + customer
- Outputs: Story cards, release plan
- Customer-driven prioritization

1.2 Stand-up Meeting

- Duration: 10-15 minutes
- Format: Quick sync and pairing assignments
- Timing: Start of day
- Focus: Pair programming arrangements

1.3 Weekly Cycle

- Duration: Development week review
- Pair programming rotation plan
- Test-first development review
- Continuous integration status

1.4 Quarterly Cycle

- Duration: 2-3 hours
- Release planning
- Architectural refactoring review
- Technical debt assessment

2 Core XP Engineering Practices

2.1 Pair Programming

- Duration: Throughout day
- Rotation: Daily/Weekly
- Navigator/Driver roles
- Code review integration

2.2 Test-First Development

- Unit test creation timing
- Acceptance test review
- Continuous testing approach
- Test coverage goals

3 Remote Practice Guidelines

- Pair programming tools
- Virtual testing environment
- Continuous integration setup
- Remote collaboration tools

4 Practice Effectiveness

4.1 Success Criteria

- Planning: Customer stories ready
- Testing: All tests passing
- Integration: Continuous deployment
- Pairing: Knowledge sharing metrics

4.2 Quality Gates

- Test coverage thresholds
- Code integration frequency
- Customer acceptance criteria
- Sustainable pace metrics

4.3 Metrics Integration

See Engineering Metrics for detailed tracking

5 XP Ceremonies Guide

5.1 Core XP Ceremonies

5.1.a Planning Game

- Duration: 1-2 hours
- Frequency: Weekly
- Participants: Whole team + customer
- Outputs: Story cards, release plan

5.1.b Pair Programming Sessions

- Duration: Continuous
- Format: Driver/Navigator rotation
- Timing: Regular pair switching
- Focus: Code quality and knowledge sharing

5.1.c Stand-up Meeting

- Duration: 10 minutes
- Format: Quick sync and pairing arrangements
- Timing: Start of day
- Focus: Technical blockers

5.1.d Weekly Iteration

- Duration: 1 week typical
- Demo: Continuous integration
- Testing: Continuous with TDD
- Deployment: Continuous delivery

5.2 Remote Ceremony Guidelines

- Shared IDE sessions
- Virtual pairing tools
- Continuous integration dashboards
- Test coverage monitoring

5.3 Comparison with Other Methods

5.3.a When to Choose XP

- Quality-critical projects
- Co-located or strong remote setup
- Strong technical focus needed
- Automated testing essential
- Customer availability guaranteed

5.3.b Key Advantages

- Highest code quality
- Rapid feedback cycles
- Strong technical practices
- Built-in knowledge sharing

5.3.c Trade-offs

- Requires skilled developers
- More intensive pair programming
- Need for automated testing
- Customer commitment required

5.4 Ceremony Effectiveness

5.4.a Success Criteria

- 100% pair programming
- Test coverage targets met
- Continuous integration green
- Customer stories delivered

5.4.b Quality Gates

- All tests passing
- Code review via pairing
- Continuous integration success
- Customer acceptance

5.4.c Metrics Integration

- Code coverage
- Build health
- Technical debt metrics
- Customer satisfaction