

# Project Alpha - Sprint Planning Document

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### Executive Summary

This document outlines the key objectives and deliverables for Sprint 23 of Project Alpha. The sprint runs from December 11th to December 25th, 2025.

### Goals

1. Complete user authentication module with OAuth2 integration
2. Implement dashboard analytics feature
3. Fix critical bug in payment processing (JIRA-1234)
4. Performance optimisation for database queries

### Team Assignments

- Sarah Chen: Lead developer for authentication module
- Marcus Johnson: Dashboard analytics implementation
- Elena Rodriguez: Payment bug investigation and fix
- David Kim: Database optimisation

### Key Deadlines

- December 15th: Authentication module code complete
- December 18th: Dashboard analytics MVP ready for review
- December 20th: Payment bug fix deployed to staging
- December 23rd: Final sprint review

### Risks and Blockers

1. OAuth2 provider documentation is incomplete - may need to contact support
2. Analytics dashboard requires new API endpoints from backend team
3. Payment bug root cause still under investigation

### Budget Constraints

- No additional cloud resources approved for this sprint
- Must work within existing infrastructure limits
- Any overtime requires manager approval

### Success Criteria

- All unit tests passing with >80% coverage
- No P1 bugs in production
- Sprint velocity maintained at 45 story points
- Customer satisfaction score above 4.2/5

### Open Questions

1. Should we prioritise mobile responsiveness in this sprint?
2. What is the fallback plan if OAuth2 integration is delayed?

3. Do we need a dedicated QA resource for payment testing?