**Test Plan for Mobile App Development with Integration**

**1. Introduction**

- Purpose: Ensure the quality and reliability of the mobile app, specifically focusing on integration with subsystems.

- Target Audience: Developers, testers, project managers.

- References: Project plan, requirements, and design specifications.

**2. Test Strategy**

- Testing Levels: Unit testing, integration testing, system testing.

- Testing Types: Functional, non-functional, regression.

- Testing Approach: A combination of manual and automated testing.

**3. Test Environment**

- Hardware: Devices and configurations specified in the project plan.

- Software: Operating systems and software mentioned in the project plan.

- Network Configuration: Conditions outlined in the project plan.

**4. Test Scenarios**

- Functional Scenarios: Days 31-60 (Integration phase).

- Integration Scenarios: Days 31-60 (Integration phase).

- UI Scenarios: Days 46-80 (Feature Implementation and Testing phase).

**5. Test Cases**

- Unit Test Cases: Days 31-45 (Sprint 1-2: Core Development).

- Integration Test Cases: Days 46-60 (Sprint 3-4: Feature Implementation).

- System Test Cases: Days 61-80 (Sprint 5-6: Testing).

**6. Test Execution Schedule**

- Testing Phases:

- Unit Testing: Days 31-45.

- Integration Testing: Days 46-60.

- System Testing: Days 61-80.

- Timeline: Aligned with the development phases specified in the project plan.

**7. Defect Management**

- Defect Logging: Throughout testing phases.

- Severity and Priority Definitions: Days 61-80 (Sprint 5-6: Testing).

- Resolution Process: Days 81-90 (Deployment Preparation and Go-Live).

**8. Test Data**

- Test Data Requirements: Days 31-80 (Integration and Testing phases).

- Data Generation: Days 31-60 (Integration phase).

**9. Risks and Contingencies**

- Identify Risks: Days 1-10 (Pre-Development phase).

- Mitigation Strategies: Throughout the project, revisited during Days 81-90 (Go-Live).

**10. Responsibilities**

- Testing Team Roles: Throughout testing phases, especially during Days 31-80.

- Collaboration with Other Teams: Throughout the project, emphasized during Days 31-60 (Integration phase).

**11. Sign-Off Criteria**

- Criteria for Test Completion: Days 81-90 (Post-Launch Monitoring and Support).

- Acceptance Criteria: Days 86-90 (Go-Live).

**12. Test Deliverables**

- Test Reports: Days 81-90 (Post-Launch Monitoring and Support).

- Documentation: Throughout testing phases.