

In-App Purchase Functionality Specification Outline

1. Introduction

- Document Purpose
- Scope of In-App Purchases
- Stakeholders

2. In-App Purchase Types

- Consumable Purchases
- Non-Consumable Purchases
- Subscription Based Purchases

3. User Flow

1. Accessing In-App Purchase Options
2. Selecting a Purchase
3. Confirmation and Payment Flow
4. Post-Purchase Actions

4. Technical Requirements

- Integration with App Store / Play Store APIs
- Backend Support
- Transaction Validation
- Handling Failed Transactions

5. Security and Compliance

- Data Privacy
- Security Considerations
- Legal and Regulatory Compliance

6. UI/UX Guidelines

- Presentation of Purchase Options
- Error and Success Messaging
- Accessibility Concerns

7. Testing and Quality Assurance

- Test Scenarios and Cases
- Edge Cases
- Failure Handling

8. Analytics and Reporting

- Purchase Tracking
- User Behavior Analytics

9. Future Enhancements

- Planned Improvements
- Feature Roadmap

