Work Breakdown Structure (WBS) Checklist

SWIFT MT7xx Message Automation System Deliverables Verification

1. Documentation Deliverables

1.1 Software Requirements Specification (SRS)

- [ ] 1.1.1 Introduction section is complete and accurate
- [ ] Purpose and scope clearly defined
- [ ] Document conventions explained
- [ ] Intended audience identified
- [ ] Project scope outlined
- [ ] References to source materials included

- [ ] System overview provided

- [ ] 1.1.2 Functional Specifications (FS) section is complete

- [ ] System features comprehensively described
- [ ] Message validation functionality detailed
- [ ] Message construction functionality detailed
- [ ] Field dependency management explained
- [ ] Message type support listed
- [ ] User management capabilities defined
- [ ] Reporting and analytics features specified
- [ ] User classes and characteristics identified
- [ ] Operating environment specified
- [ ] Design constraints documented
- [ ] User documentation requirements listed

- [ ] Assumptions and dependencies stated

- [ ] 1.1.3 Technical Specifications (TS) section is complete

- [ ] System architecture defined
- [ ] Component diagram included

- [ ] Deployment architecture specified
- [ ] Database design detailed with ERD
- [ ] Database schema described
- [ ] API specifications documented
- [ ] Integration specifications provided
- [ ] Security specifications outlined
- [ ] Performance specifications defined

- [ ] Monitoring and logging approach described

- [ ] 1.1.4 UI/UX Design Specifications section is complete

- [ ] Design philosophy articulated
- [ ] Responsive design approach explained
- [ ] Navigation structure defined
- [ ] Key screens and workflows detailed
- [ ] Interaction design principles documented
- [ ] Visual design elements specified
- [ ] Accessibility considerations addressed

- [ ] Usability testing approach outlined

- [ ] 1.1.5 Business Rules section is complete

- [ ] Business rules engine overview provided
- [ ] Database-driven rule management explained
- [ ] Field-specific business rules detailed
- [ ] Rule execution framework described
- [ ] Business rule examples included

- [ ] Rule management lifecycle documented

- [ ] 1.1.6 Conclusion and recommendations included

- [ ] Summary of requirements provided
- [ ] Implementation approach recommended
- [ ] Testing strategy outlined
- [ ] Deployment considerations addressed

- [ ] Future enhancements suggested

- [ ] 1.1.7 Document formatting and quality

- [ ] Consistent formatting throughout
- [ ] No spelling or grammatical errors

- [ ] Proper section numbering and references
- [ ] Table of contents accurate and complete
- [ ] Document available in both MD and PDF formats

2. System Components Verification

2.1 Message Validation Engine

- [ ] 2.1.1 Validation rules for all MT7xx message types defined
- [ ] 2.1.2 Field format validation specifications complete
- [ ] 2.1.3 Field content validation specifications complete
- [ ] 2.1.4 Cross-field validation specifications complete
- [ ] 2.1.5 Validation reporting requirements defined

2.2 Message Construction Interface

- [ ] 2.2.1 Construction workflow for all message types defined
- [ ] 2.2.2 Field input requirements specified
- [ ] 2.2.3 Template management capabilities outlined
- [ ] 2.2.4 Preview and validation features specified
- [ ] 2.2.5 Export options defined

2.3 Field Dependency Management

- [ ] 2.3.1 Intra-message dependencies mapped
- [ ] 2.3.2 Inter-message dependencies mapped
- [ ] 2.3.3 Visualization requirements specified
- [ ] 2.3.4 Dependency enforcement rules defined

2.4 Business Rules Engine

- [ ] 2.4.1 Rule categories defined
- [ ] 2.4.2 Rule storage schema specified
- [ ] 2.4.3 Rule execution process documented
- [ ] 2.4.4 Rule management interface requirements defined
- [ ] 2.4.5 Rule extensibility mechanisms specified

2.5 User Interface

- [ ] 2.5.1 Dashboard requirements defined
- [ ] 2.5.2 Message validation screen specifications complete
- [ ] 2.5.3 Message construction screen specifications complete
- [ ] 2.5.4 Field dependency visualizer specifications complete

- [ ] 2.5.5 Template management screen specifications complete
- [ ] 2.5.6 Administration console specifications complete
- [ ] 2.5.7 Responsive design requirements defined
- [ ] 2.5.8 Accessibility requirements specified

2.6 Database Design

- [ ] 2.6.1 Entity-relationship diagram complete
- [ ] 2.6.2 Table definitions with fields and relationships specified
- [ ] 2.6.3 Indexes and constraints defined
- [ ] 2.6.4 Data migration approach outlined

2.7 API and Integration

- [ ] 2.7.1 RESTful API endpoints defined
- [ ] 2.7.2 API authentication and security specified
- [ ] 2.7.3 API documentation requirements outlined
- [ ] 2.7.4 External system integration specifications complete
- [ ] 2.7.5 Error handling and retry mechanisms defined

3. Implementation Planning Verification

3.1 Development Approach

- [ ] 3.1.1 Phased implementation plan defined
- [ ] 3.1.2 Development methodology specified
- [ ] 3.1.3 Technology stack selection justified
- [ ] 3.1.4 Development timeline estimates provided

3.2 Testing Strategy

- [ ] 3.2.1 Testing levels defined
- [ ] 3.2.2 Test data requirements specified
- [ ] 3.2.3 Test environment requirements outlined
- [ ] 3.2.4 Acceptance criteria defined

3.3 Deployment Planning

- [ ] 3.3.1 Environment requirements specified
- [ ] 3.3.2 Installation procedures outlined
- [ ] 3.3.3 Configuration management approach defined
- [ ] 3.3.4 Backup and recovery procedures specified

3.4 Training and Support

- [ ] 3.4.1 User training requirements defined
- [ ] 3.4.2 Administrator training requirements defined
- [ ] 3.4.3 Documentation requirements specified
- [ ] 3.4.4 Support procedures outlined

4. Compliance and Standards Verification

4.1 SWIFT Standards Compliance

- [ ] 4.1.1 Compliance with 2019 Category 7 standards verified
- [ ] 4.1.2 All message types properly supported
- [ ] 4.1.3 Field formats correctly specified
- [ ] 4.1.4 Network validated rules properly implemented
- [ ] 4.1.5 Usage rules properly implemented

4.2 Security Compliance

- [ ] 4.2.1 Authentication and authorization requirements defined
- [ ] 4.2.2 Data protection requirements specified
- [ ] 4.2.3 Audit and compliance requirements outlined
- [ ] 4.2.4 Security testing approach defined

4.3 Accessibility Compliance

- [ ] 4.3.1 WCAG 2.1 AA compliance requirements defined
- [ ] 4.3.2 Keyboard navigation requirements specified
- [ ] 4.3.3 Screen reader support requirements outlined
- [ ] 4.3.4 Color and contrast requirements defined

5. Project Management Verification

5.1 Requirements Traceability

- [ ] 5.1.1 All requirements traced to source documents
- [ ] 5.1.2 Requirements prioritization complete
- [ ] 5.1.3 Requirements dependencies identified
- [ ] 5.1.4 Requirements verification approach defined

5.2 Risk Management

- [ ] 5.2.1 Potential risks identified
- [ ] 5.2.2 Risk mitigation strategies defined

- [ ] 5.2.3 Contingency plans outlined
- [ ] 5.2.4 Risk monitoring approach specified

5.3 Quality Assurance

- [ ] 5.3.1 Quality metrics defined
- [ ] 5.3.2 Quality control procedures specified
- [ ] 5.3.3 Review and inspection processes outlined
- [ ] 5.3.4 Continuous improvement approach defined

6. Final Deliverables Checklist

6.1 Documentation Package

- [ ] 6.1.1 SRS document (MD and PDF)
- [ ] 6.1.2 WBS checklist (this document)
- [ ] 6.1.3 Source files for all documentation
- [ ] 6.1.4 References to SWIFT standards documentation

6.2 Approval and Sign-off

- [ ] 6.2.1 All deliverables reviewed and approved
- [ ] 6.2.2 All stakeholders signed off on requirements
- [ ] 6.2.3 Final deliverables package accepted
- [ ] 6.2.4 Project ready for next phase (implementation)