Here is a list of **48 Jira tasks**, split into **functional** and **technical** tasks, each estimated at **3 story points**. These tasks cover the full scope of the SLATE reporting system, including analysis, table creation, file handling, and event type implementation.

**Functional Tasks**

| **Task ID** | **Task Title** | **Description** | **Story Points** |
| --- | --- | --- | --- |
| F01 | Analyze Event Types | Analyze SLATE event types (New, Modify, Cancel, etc.) and document their requirements. | 3 |
| F02 | Analyze Required and Conditional Attributes | Identify required, conditional, and optional attributes for each event type. | 3 |
| F03 | Create Data Dictionary | Define a data dictionary for all fields (e.g., Client Loan ID, FINRA Loan ID). | 3 |
| F04 | Define Validation Rules | Document validation rules for required and conditional fields. | 3 |
| F05 | Design Event Workflow | Define workflows for event submission and processing. | 3 |
| F06 | Define Feedback Handling Workflow | Define workflows for processing acknowledgment and integrity feedback files. | 3 |
| F07 | Map Event Lifecycle | Map the lifecycle of a loan across events (New, Modify, Delete). | 3 |
| F08 | Identify Error Scenarios | Document potential error scenarios for SLATE submissions. | 3 |
| F09 | Define Reporting Party Roles | Analyze roles of Covered Person, Reporting Party, and Intermediary. | 3 |
| F10 | Analyze File Naming Convention | Document SLATE file naming conventions and their impact on submission. | 3 |
| F11 | Define File Submission Rules | Define rules for file submission, sequencing, and compression. | 3 |
| F12 | Define Security Identifiers | Document acceptable security identifiers (e.g., CUSIP, ISIN). | 3 |
| F13 | Map Collateral Types | Define acceptable collateral types and their associated fields. | 3 |
| F14 | Document Event Linkage Mechanism | Define how events are linked using Client Loan ID or FINRA Loan ID. | 3 |
| F15 | Define SLATE Operating Hours | Document rules for submission deadlines based on SLATE operating hours. | 3 |
| F16 | Define Error Handling for Late Submissions | Define how to handle submissions outside SLATE operating hours. | 3 |
| F17 | Analyze Required File Metadata | Document required metadata for SLATE file submissions. | 3 |
| F18 | Map Feedback Types | Identify types of feedback files (Acknowledgment, Integrity, Rejected Events). | 3 |
| F19 | Define Delete Event Workflow | Document rules and workflows for Delete Loan Events. | 3 |
| F20 | Analyze Correction Event Requirements | Define rules for correcting previously submitted events. | 3 |
| F21 | Define Pre-Existing Loan Modification Rules | Document rules for reporting pre-existing loans to SLATE. | 3 |
| F22 | Map SLATE Roles to Internal Users | Map SLATE roles (e.g., Lender, Borrower) to internal user roles. | 3 |
| F23 | Document System Dependencies | Identify dependencies on external systems (e.g., SFTP, REST API, AWS S3). | 3 |
| F24 | Define Audit Trail Requirements | Document requirements for logging submissions and feedback. | 3 |

**Technical Tasks**

| **Task ID** | **Task Title** | **Description** | **Story Points** |
| --- | --- | --- | --- |
| T01 | Create Database Schema for Loan Events | Design tables for loan events (e.g., New, Modify, Delete). | 3 |
| T02 | Create Table for Feedback Management | Design tables to store feedback files and their statuses. | 3 |
| T03 | Develop Validation Engine | Implement validation rules for required and conditional fields. | 3 |
| T04 | Implement JSON File Generator | Create functionality to generate JSON files for SLATE submissions. | 3 |
| T05 | Implement File Compression | Add support for bz2 compression for JSON files. | 3 |
| T06 | Develop File Submission via SFTP | Implement SFTP-based file submission to SLATE. | 3 |
| T07 | Develop File Submission via REST API | Implement REST API-based file submission to SLATE. | 3 |
| T08 | Develop File Submission via AWS S3 | Implement AWS S3-based file submission to SLATE. | 3 |
| T09 | Develop Feedback File Parser | Create functionality to parse acknowledgment and integrity feedback files. | 3 |
| T10 | Implement Event Processing for New Loan Events | Develop logic to handle New Loan Events. | 3 |
| T11 | Implement Event Processing for Modify Events | Develop logic to handle Modify Loan Events. | 3 |
| T12 | Implement Event Processing for Cancel Events | Develop logic to handle Cancel Loan Events. | 3 |
| T13 | Implement Event Processing for Delete Events | Develop logic to handle Delete Loan Events. | 3 |
| T14 | Implement Event Processing for Correction Events | Develop logic to handle Correction Loan Events. | 3 |
| T15 | Implement Pre-Existing Loan Modification Handling | Develop logic to handle Pre-Existing Loan Modification Events. | 3 |
| T16 | Create Audit Logging Mechanism | Implement logging for submissions and feedback. | 3 |
| T17 | Implement Error Handling for Late Submissions | Develop logic to identify and handle late submissions. | 3 |
| T18 | Create Scheduler for File Submission | Implement a scheduler to ensure timely file submissions. | 3 |
| T19 | Implement Security Identifier Validation | Add validation for security identifiers (CUSIP, ISIN, etc.). | 3 |
| T20 | Implement Collateral Type Validation | Add validation for collateral types (CASH, NONCASH). | 3 |
| T21 | Develop Event Linkage Logic | Implement logic to link events using Client Loan ID or FINRA Loan ID. | 3 |
| T22 | Develop SLATE Operating Hours Validation | Add checks to ensure submissions occur within SLATE operating hours. | 3 |
| T23 | Implement Test Framework for Event Processing | Create a test framework to validate event processing logic. | 3 |
| T24 | Create Monitoring Dashboard for Submissions | Develop a dashboard to monitor file submissions and feedback. | 3 |

This breakdown provides a structured approach to addressing both **functional requirements** and **technical implementation** for the SLATE reporting system. Let me know if you'd like assistance with any specific tasks or further breakdowns!