Database Specification Document

This is a sample specification document for testing the DOCX extraction functionality.

# Table 1: Column Mapping Specification

|  |  |  |  |
| --- | --- | --- | --- |
| Source Column | Target Column | Data Type | Description |
| CR0001.R-CUST-ID | customer\_id | INTEGER | Unique customer identifier |
| CR0001.R-CUST-NAME | customer\_name | VARCHAR(100) | Full customer name |
| CR0001.R-EMAIL | email\_address | VARCHAR(255) | Customer email address |
| CR0001.R-PHONE | phone\_number | VARCHAR(20) | Contact phone number |
| CR0001.R-CREATE-DT | created\_date | TIMESTAMP | Record creation timestamp |
| CR0001.R-BALANCE | account\_balance | DECIMAL(18,2) | Current account balance |
| CR0001.R-STATUS | account\_status | VARCHAR(10) | Account status code |

# Table 2: Field Specifications

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Max Length | Nullable | Business Rules |
| customer\_id | INTEGER | 10 | No | Primary key, auto-increment |
| customer\_name | VARCHAR | 100 | No | Must be non-empty, title case |
| email\_address | VARCHAR | 255 | Yes | Valid email format required |
| phone\_number | VARCHAR | 20 | Yes | Format: +1-XXX-XXX-XXXX |
| account\_balance | DECIMAL | 18,2 | No | Must be >= 0.00 |
| account\_status | VARCHAR | 10 | No | ACTIVE, INACTIVE, SUSPENDED |

# Table 3: Transaction Type Codes

|  |  |  |
| --- | --- | --- |
| Code | Description | Category |
| DEP | Deposit | Credit |
| WDR | Withdrawal | Debit |
| TRF | Transfer | Debit |
| FEE | Service Fee | Debit |
| INT | Interest Payment | Credit |
| ADJ | Manual Adjustment | Variable |

# Implementation Notes

This specification document contains the core table structures and field mappings required for the database implementation.