Table 1: Loan
UnNormalized Form:

| **LoanID** | MemberID | BookID| LoanDetails (LoanDate, DueDate, ReturnDate, Status) |

Loan details is a group of related attributes.

First Normal Form (1NF):

| LoanID | MemberID | BookID | LoanDate | DueDate | ReturnDate | Status |

Second Normal Form (2NF):

as we see that LoanID is the primary key, all of these attributes (LoanDate, DueDate, ReturnDate, Status) depend on it.

Third Normal Form (3NF):

No transitive dependencies between non-key attributes.

Every non-key field depends directly on the primary key.
| LoanID (PK) | MemberID (FK) | BookID (FK) | LoanDate | DueDate | ReturnDate | Status |

Table 2: Review

Unnormalized Form

| ReviewID | BookID | MemberID | ReviewDetails (Rating, Comments, ReviewDate) |

ReviewDetails is not atomic (grouped values).

First Normal Form (1NF):

| ReviewID | BookID | MemberID | Rating | Comments | ReviewDate |

Second Normal Form (2NF):

Primary Key: **ReviewID**

All fields fully depend on the primary key.

Third Normal Form (3NF):

| ReviewID (PK) | BookID (FK) | MemberID (FK) | Rating | Comments | ReviewDate |