

## UNF

**COPY** (barcode, book\_callno, book\_title, (author\_name,) (subject\_name,) book\_discription, publisher\_name, publisher\_country, publisher\_state, publisher\_city, book\_pubDate, book\_edition, book\_pages, book\_language, book\_notes, isbn\_no, isbn\_type, branchNo, branchName, copy\_status)

## 1NF

**COPY** (barcode, book\_callno, book\_title, book\_discription, publisher\_name, publisher\_country, publisher\_state, publisher\_city, book\_pubDate, book\_edition, book\_pages, book\_language, book\_notes, isbn\_no, isbn\_type, branchNo, branchName, copy\_status)

barcode -> book\_callno, book\_title, book\_discription, publisher\_name, book\_pubDate, book\_edition, book\_pages, book\_language, book\_notes, isbn\_no, branchNo, copy\_status  
FULL

isbn\_no -> isbn\_type TRANSITIVE

branchNo -> branchName TRANSITIVE

publisher\_name -> publisher\_country, publisher\_state, publisher\_city TRANSITIVE

**WRITE** (barcode, author\_name)

**COPYSUBJECT** (barcode, subject\_name)

## 2NF

**No partial dependency**

## 3NF

**COPY** (barcode, book\_callno, book\_title, book\_discription, publisher\_name, book\_pubDate, book\_edition, book\_pages, book\_language, book\_notes, isbn\_no, branchNo, copy\_status)  
barcode -> book\_callno, book\_title, book\_discription, publisher\_name, book\_pubDate, book\_edition, book\_pages, book\_language, book\_notes, isbn\_no, branchNo, copy\_status  
FULL

**PUBLISHER** (publisher\_name, publisher\_country, publisher\_state, publisher\_city)

publisher\_name -> publisher\_country, publisher\_state, publisher\_city FULL

**ISBN** (isbn\_no, isbn\_type)

isbn\_no -> isbn\_type FULL

**BRANCH** (branchNo, branchName)

branchNo -> branchName FULL

**WRITE** (barcode, author\_name)

**COPYSUBJECT** (barcode, subject\_name)