Normalisation of the Appendix A
Loi Chai Lam
2813 6179

UNF
BOOK (callNo, title, (authorID, authorName), (subjects), description, publisherName, publisherID, datePublished, edition, noPages, language, notes, (identifier), (branchNo, branchName, barcodeNo, status))

1NF
BOOK (<u>callNo</u>, title, description, publisherName, publisherID, datePublished, edition, noPages, language, notes)

callNo -> title, description, publisherName, publisherID, datePublished, edition, noPages, language, notes
publisherID -> publisherName TRANSITIVE

COPY (<u>barcodeNo</u>, status, branchNo, branchName *, callNo*)

barcodeNo -> status, branchNo, branchName, callNo
branchNo -> branchName TRANSITIVE

AUTHOR (<u>authorID</u>, *callNo*, authorName)

authorID,callNo -> authorName
authorID -> authorName PARTIAL

SUBJECT (*<u>callNo</u>*, <u>subjects</u>)

IDENTIFIER (*<u>callNo</u>*, <u>identifier</u>)

2NF
BOOK (<u>callNo</u>, title, description, publisherName, publisherID, datePublished, edition, noPages, language, notes)
COPY (<u>barcodeNo</u>, status, branchNo, branchName *, callNo*)
SUBJECT (*<u>callNo</u>*, <u>subjects</u>)
BOOKAUTHOR (<u>authorID</u>, *callNo)*
IDENTIFIER (*<u>callNo</u>*, <u>identifier</u>)
AUTHOR (<u>authorID</u>, authorName)

3NF

BOOK (<u>callNo</u>, title, description, *publisherID*, datePublished, edition, noPages, language, notes)

COPY (<u>barcodeNo</u>, *branchNo*, status, *callNo*)

SUBJECT (<u>*callNo*</u>, <u>subjects</u>)

BOOKAUTHOR (<u>authorID</u>, *<u>callNo</u>*)

IDENTIFIER (<u>*callNo*</u>, <u>identifier</u>)

AUTHOR (<u>authorID</u>, authorName)

BRANCH (<u>branchNo</u>, branchName)

PUBLISHER (<u>publisherID</u>, publisherName)