

## REPORT1:

UNF:

CATALOGUE(catal\_ddcno,catal\_titile,(author\_id,author\_firstname,author\_lastname),(subject\_id,subject\_desc),catal\_descrip,publisher\_id,publisher\_name,published\_date,book\_edition,book\_no\_page,book\_language,catal\_note,(isbn\_no,isbn\_booktype))

1NF:

CATALOGUE(catal\_ddcno,catal\_titile,catal\_descrip,publisher\_id,publisher\_name,published\_date,book\_edition,book\_no\_page,book\_language,catal\_note)

CK:

catal\_no

CATALAUTHOR(author\_id,catal\_ddcno,author\_firstname,author\_lastname)

CK:

author\_id, catal\_ddcno

CATALSUBJECT(catal\_ddcno,subject\_id,subject\_desc)

CK:

subject\_id,catal\_ddcno

ISBN(isbn\_no,isbn\_booktype,catal\_ddcno)

CK:

Isbn\_no

Partial Dependencies:

author\_id -> author\_firstname,author\_lastname

subject\_id ->subject\_desc

2NF:

CATALOGUE(catal\_ddcno,catal\_titile,catal\_descrip,publisher\_id,publisher\_name,published\_date,book\_edition,book\_no\_page,book\_language,catal\_note)

CATALAUTHOR(author\_id,catal\_ddcno)

AUTHOR(author\_id,author\_firstname,author\_lastname)

CATALSUBJECT(catal\_ddcno,subject\_id,subject\_desc)

SUBJECT(subject\_id,subject\_desc)

ISBN(isbn\_no,isbn\_type,catal\_ddcno)

Transitive Dependencies :

publisher\_id -> publisher\_name

3NF:

CATALOGUE(catal\_ddcno,catal\_titile,catal\_descrip,publisher\_id,published\_date,book\_edition,book\_no\_page,book\_language,catal\_note)

PUBLISHER(publisher\_id,publisher\_name)

CATALAUTHOR(author\_id,catal\_ddcno)

AUTHOR(author\_id,author\_firstname,author\_lastname)

CATALSUBJECT(catal\_ddcno,subject\_id)

SUBJECT(subject\_id,subject\_desc)

ISBN(isbn\_no,isbn\_type,catal\_ddcno)

Full Dependencies :

catal\_ddcno->catal\_titile,catal\_descrip,publisher\_id,published\_date,book\_edition,book\_no\_page,book\_language,catal\_note

publisher\_id ->publisher\_name

author\_id -> author\_firstname,author\_lastname

subject\_id ->subject\_desc

catal\_ddcno ->content\_no,content\_title

isbn\_no -> isbn\_type,catal\_ddcno

