| Diagram: | Logical |
|---|---|
| Author: | GO71 |
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| Modified by: | GO71 |
| Design: | rcl_logical |
| Model: | Logical |

**LGA**
P * lga_code
* lga_name
* lga_size
* lga_service_contact_name
* lga_contact_phoneno

has

**BOOKSTATUS**
P * bookstatus_id
* bookstatus_name

has

**SUBJECT**
P * subject_id
* subject_description

associated_with

**BRANCH**
P * branch_code
* branch_name
* branch_address
* branch_contact_phoneno
F * lga_code
F * manager_id

owns

**BOOK**
P * book_copyid
PF * branch_code
* book_purchasing price
F * bookstatus_id
F * isbn_no

represent_copy_of

**ISBN**
P * isbn_no
U * isbn_booktype
UF * catal_ddnco

contains

belongs_to
belongs_to
manages

**CATALOGUE**
P * catal_ddnco
* catal_title
* catal_descrip
* catal_publication_year
* catal_entry_cls
* catal_page_count
* catal_language
catal_reading_level
catal_note
catal_edition
F * publisher_id

categorised_by

**CATALOGUESUBJECT**
PF * catal_ddnco
PF * subject_id

publishes

**PUBLISHER**
P * publisher_id
* publisher_name

loaned_out

has

**LOAN**
P * loan_id
U * loan_start_datetime
UF* book_copyid
UF* branch_code
* loan_due date
loan_return_date_ and _time
loan_fine_amount
loan_date_finepaid
F * borrower_no

**MANAGER**
P * manager_id
manager_firstname
manager_lastname
* manager_contact_phoneno
F * branch_code

written_by

**AUTHOR_CATALOGUE_ENTRY**
PF* catal_ddnco
PF* author_id

is_categorised_as

**AUTHOR**
P * author_id
author_firstname
author_lastname

borrows

**BORROWER**
P * borrower_no
borrower_firstname
borrower_lastname
* borrower_borrowing_status
borrower_contact_phoneno
* borrower_postcode
* borrower_state
* borrower_street_number
* borrower_street_description
F * branch_code
F * borrowerclass_id

places

**RESERVATION**
P * reservation_id
* reservation_date_time
UF* book_copyid
UF* branch_code
UF* borrower_no

comes_from

**BORROWERCLASS**
P * borrowerclass_id
* borrowerclass_name
* borrowerclass_max_bookloans
* borrowerclass_loanperiod