

Assumptions:

- 1) There can be LGAs which have no branches
- 2) Manages can share home branches
- 3) A branch can no borrowers for whom that branch is their home branch
- 4) A borrower can have never loaned a book
- 5) A catalogue entry can have no ISBNs
- 6) An author can have written 0 works in the catalogue
- 7) A publisher must have published at least one work in the catalogue