Library 2.0 Database ERD
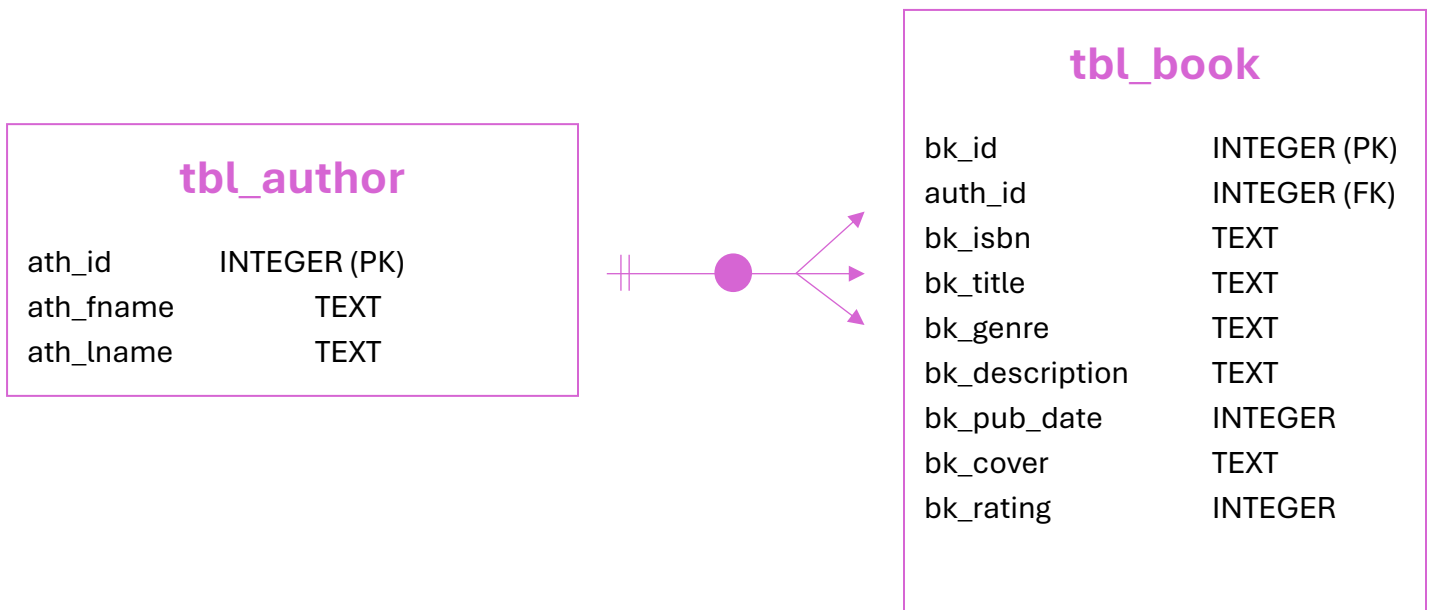
BUSINESS RULES:

- An author can write many books
- A book can have only one author

ERD:

tbl_author

ath_id	INTEGER (PK)
ath_fname	TEXT
ath_lname	TEXT

tbl_book

bk_id	INTEGER (PK)
auth_id	INTEGER (FK)
bk_isbn	TEXT
bk_title	TEXT
bk_genre	TEXT
bk_description	TEXT
bk_pub_date	INTEGER
bk_cover	TEXT
bk_rating	INTEGER

DATA DICTIONARY:

TableName	FieldName	FieldFormat	Description
tbl_author	ath_id	INTEGER (PK)	Author unique identifier
tbl_author	ath_fname	TEXT	Author first name
tbl_author	ath_lname	TEXT	Author last name
tbl_book	bk_id	INTEGER (PK)	Book unique identifier
tbl_ book	ath_id	INTEGER (FK)	FK referencing the author associated with the book
tbl_ book	bk_isbn	TEXT	Book ISBN
tbl_ book	bk_title	TEXT	Book title
tbl_ book	bk_genre	TEXT	Book genre
tbl_ book	bk_description	TEXT	Book description
tbl_ book	bk_pub_date	INTEGER	Book publication date
tbl_ book	bk_cover	TEXT	Book cover
tbl_ book	bk_rating	INTEGER	Book rating