Walnut Grove Library (WGL)
Physical ERD

WGL_TITLE_CATALOGUE

ISBN (PK)	VARCHAR2(13)
Title	VARCHAR2(50)
Call_number	VARCHAR2(15)
Year_published	VARCHAR2(4)
No_copies_in_system	NUMBER

WGL_AUTHOR

ISBN (PK)(FK1)	VARCHAR2(13)
Author_name (PK)	VARCHAR2(30)

WGL_RESERVE_LIST

Patron_number (PK)	NUMBER(7)
ISBN (PK) (FK1)	VARCHAR2(13)
Date_reserved (PK)	DATE
Branch_reserved_at	NUMBER
Pick_up_branch	NUMBER

WGL_ACCESSION_REGISTER

Accession_number (PK)	NUMBER(7)
ISBN (FK1)	VARCHAR2(13)
Branch_number (FK2)	NUMBER
Accession_date	DATE
Status	VARCHAR2(2)
Loan_period	NUMBER
Due_date	DATE

WGL_BRANCH

Branch_number (PK)	NUMBER
Branch_name	VARCHAR2(25)
Phone	VARCHAR2(7)

Status must be one of: OL, OS, HR, IT, LO, WR, CU

WGL_RESERVE_NOTICE

Patron_number (NN)	NUMBER(7)
ISBN	VARCHAR2(13)
Accession_number	NUMBER(7)
Call_number	VARCHAR2(15)
Branch_no	NUMBER
Hold_to_date	DATE

Patron type must be one of: R, NR, S

Loan type must be either O or R

WGL_PATRON

Patron_number (PK)	NUMBER(7)
Patron_name	VARCHAR2(25)
Phone	VARCHAR2(7)
Patron_type	VARCHAR2(2)
Books_on_loan	NUMBER
Outstanding_fines	NUMBER(6,2)

WGL_LOAN

Loan_number (PK)	NUMBER(9)
Patron_number (FK1)	NUMBER(7)
Accession_number (FK2)	NUMBER(7)
Loan_type	VARCHAR2(1)
Loan_date	DATE
Due_date	DATE
Date_returned	DATE

WGL_FINE_RECEIPT

Patron_number (PK)(FK1)	NUMBER(7)
Amount_paid	NUMBER(7,2)
Date_paid (PK)	DATE

WGL_RETURN

Accession_number (NN)	NUMBER(7)
Date_returned	DATE
Branch_returned_to	NUMBER