CREATE TABLE Library (

BookID NUMBER PRIMARY KEY NOT NULL UNIQUE,

Title VARCHAR2(255) NOT NULL,

Author VARCHAR2(255) NOT NULL,

PublishedYear NUMBER CHECK (PublishedYear >= 1500 AND PublishedYear <= EXTRACT(YEAR FROM SYSDATE)),

Available CHAR(1) NOT NULL CHECK (Available IN ('Y', 'N'))

);

CREATE TABLE StudentDetails (

StudentID NUMBER PRIMARY KEY NOT NULL UNIQUE,

Name VARCHAR2(100) NOT NULL,

DateOfBirth DATE NOT NULL CHECK (DateOfBirth <= SYSDATE),

Email VARCHAR2(255) NOT NULL UNIQUE,

PhoneNumber VARCHAR2(15) UNIQUE,

BorrowedBookID NUMBER,

FOREIGN KEY (BorrowedBookID) REFERENCES Library(BookID)

);