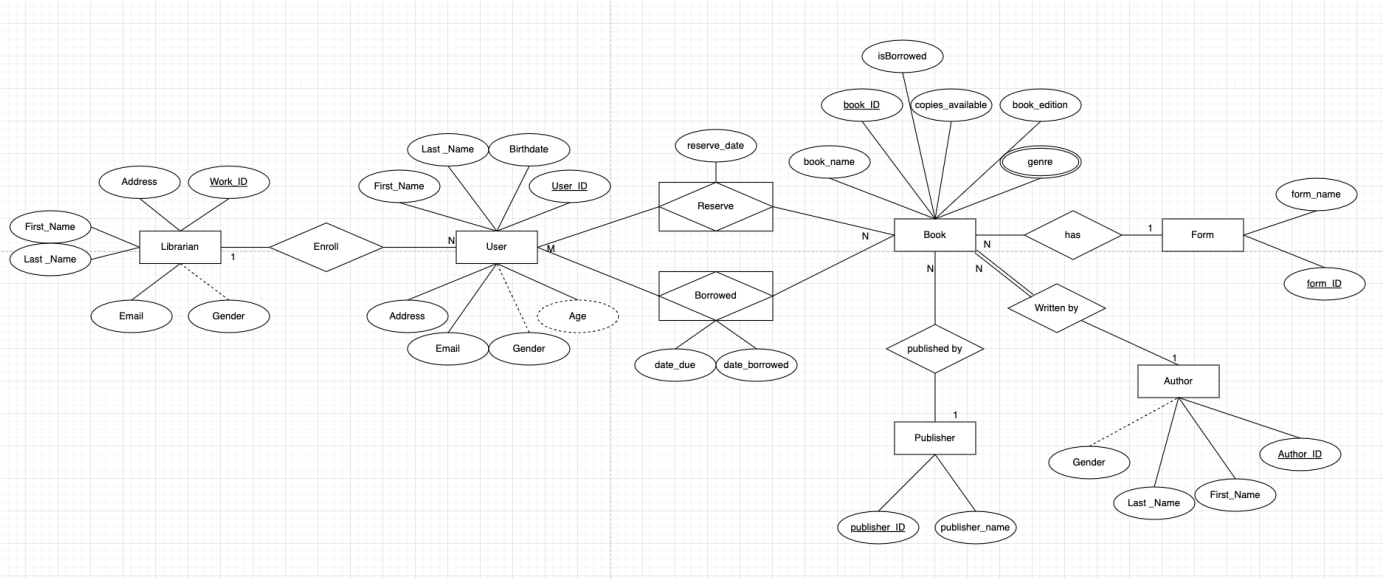
2nd Deliverable



Business Rules:

1. A publisher can publish many books, however, a book can be published by only one publisher
2. A book has one form shown by the form name and its form id
3. A book is written by only one author, yet an author can write many books
4. A user can borrow and reserve as many books as they want, but a book can only be reserved and borrowed once by a user
5. A user can go to a librarian to enroll in the library database, and each librarian can enroll many users in the library database

Relational Schema

Library_Member(User_ID, First_Name, Last _Name, Birthdate, Age, gender, email,address, *Work_ID*)

Librarian(Work_ID, First_Name, Last_Name, Email, Address, Gender)

Book(Book_ID, Book_Name, isBorrowed, Copies_available, Book_Edition, Genre, *Author_ID*, *publisher_ID*, *form_ID*)

Publisher(Publisher_ID, Publisher_Name)

Form(Form_Name, Form_ID,)

Author(Author_ID, Gender, First_Name, Last_Name,)

Borrowed(Book_ID+User_ID, date_borrowed, date_due,Book_ID,User_ID)

Reserve(Book_ID+User_ID, reserve_date,Book_ID,User_ID)