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| Librarian(ssn, password, f\_name, l\_name, dateOfEmployment)  PK: ssn  FK: manager ref Manager(userName) |
| Magazine(id, publisher, title, volume, date,librarian\_ssn, is\_available)  PK: id  FK: librarian\_ssn ref Librarian(ssn) |
| Book(id, publisher, title, isbn, year\_published, genre, author, edition, librarian\_ssn,is\_available)  PK: id  FK: librarian\_ssn ref Librarian(ssn) |
| Genre(book\_id, genre)  PK: book\_id, genre  FK: book\_id ref Book(id) |
| Book\_Genre(book\_id, genre\_id)  PK: book\_id,genre\_id  FK: book\_id ref Book(id)  FK:genre\_id ref Genre(id) |
| Library\_User(ssn, password, f\_name, l\_name, librarian\_ssn)  PK: ssn  FK: librarian\_ssn ref Librarian(ssn) |
| Loan\_Book (loan\_id ,library\_user, book\_id, start\_of\_loan, end\_of\_loan)  Pk:loan\_id  Fk:library\_user ref: Librarian\_User(ssn)  FK:item\_id ref Book(book\_id) |
| Loan\_Magazine (loan\_id ,library\_user, magazine\_id, start\_of\_loan, end\_of\_loan)  PK:loan\_id  FK:library\_user ref Librarian\_User(ssn)  FK:item\_id ref Magazine(id) |