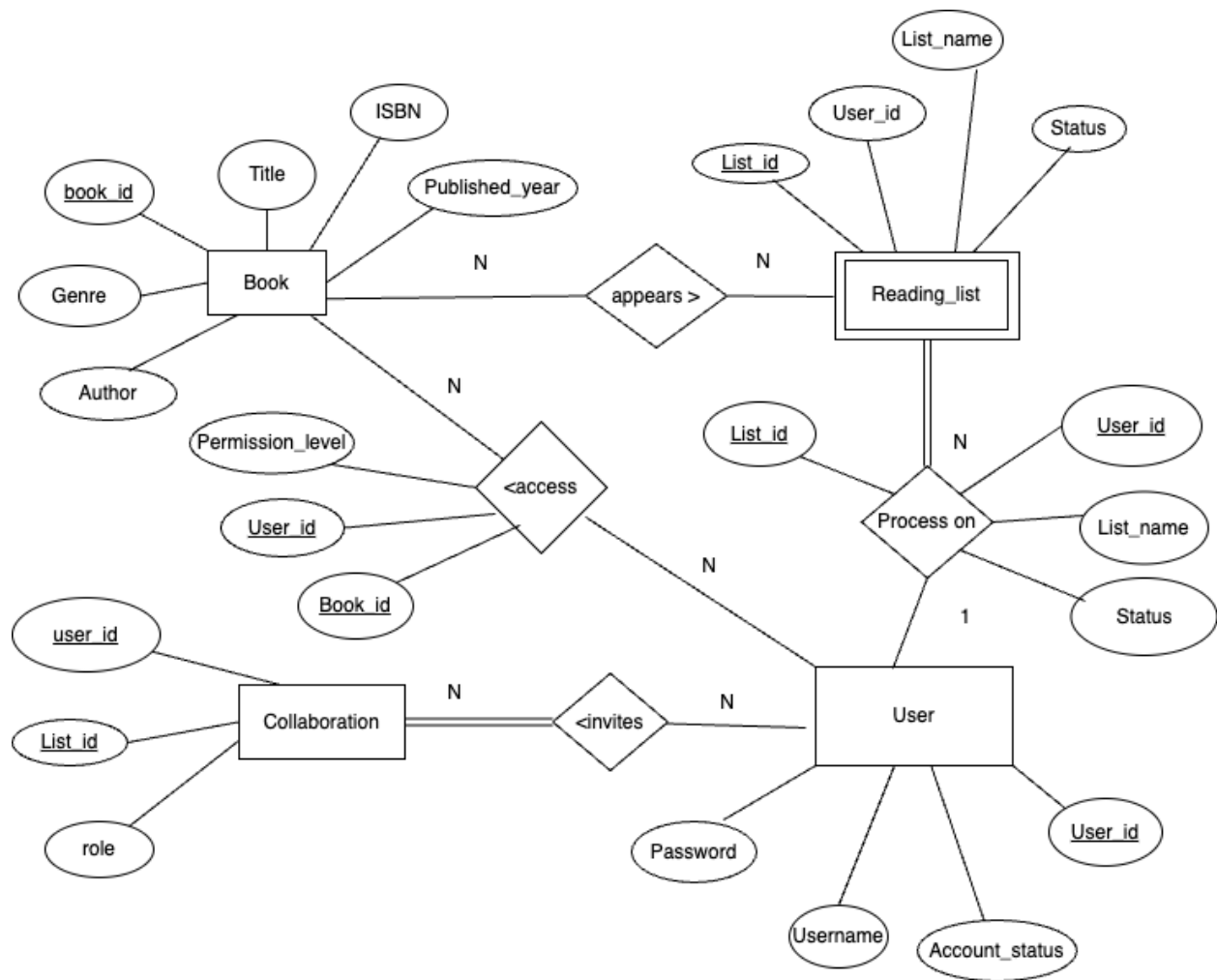


## ER MODEL



### Assumptions:

- Books can either pre-exist in the system's database or be custom entries users add.
- A reading list only exists if the user creates it. A single user can create multiple reading lists, but each reading list is associated with exactly one user.

### Tables:

Book					
<u>Book_id</u>	Title	ISBN	Published_year	Genre	Author

User			
<u>User_id</u>	Username	Password	Account_status

Reading_list			
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<u>List_id</u>	<u>User_id</u>	List_name	Status
<b>Processes on</b>			
<u>List_id</u>	<u>Book_id</u>	Process	Notes

<b>Access</b>		
<u>User_id</u>	<u>Book_id</u>	Permission_level

<b>Collaboration</b>		
<u>User_id</u>	<u>List_id</u>	Role

#### Foreign keys:

Table : Attribute	Table: Attribute
Reading_lis:User_id ----->	User: User_id
Process_on: Book_id ----->	Book: Book_id
Process_on: List_id----->	Reading_list: List_id
Collaboration: User_id----->	User: User_id
Collaboration: List_id----->	Reading_list: List_id
Access: User_id ----->	User: User_id
Access: Book_id ----->	Book: Book_id