

Authentication Relations

Libraries	
Library ID	Library Name

Users		
User ID	User Name	User Token

Authentication Roles		
Role ID	Role Name	Role Identifier

Permissions			
Permission ID	Library ID	User ID	Role ID

- **Libraries:** Contains all available libraries that is using the system
- **Users:** Contains all available users which includes Administrators and Employees.
- **Authentication Roles:** Contains available roles in the system. These are used to check for specific access types. If a user does not belong to any roles, they are only allowed to rent books.
- **Permissions:** This table is used to assemble the 3 aforementioned tables. A single row adds a user to a role for a specific library. The library id '0' can be used to identify all libraries for administrator access.