Library Management system

1)Login Page:-

Login Using Users Table Username and password – High Priority

Jwt Token – Midium Priority

2)Admin Page:-

Show All Books Using Books Table. - High Priority

User vise books Using User and books Table. – High priority

Check in get using Books and user Book table checkout – High priority

3)User

available books – High priority

my books – High priority

Books checkins – High priority

Book Checkout – High priority

4)Admin Role

create user. – High priority

add books. – High priority

check-in check-out books – High priority

Database Tables:- postgres:

Users:

UserId

Username

Password

Role

Books:

BookId

Books\_Name

Books\_Author

Users\_book:

UserId

BookId

Frontend: Html, CSS, Templating Engines Jinja2, JavaScript

Backend: FastAPI (python)

Database: Postgres or SQLite (Beginner friendly)

Folder Structure:

Main.py

Database Folder

Login.py

Model Folder

Schemas Folder

API Folder

-Admin Page

-user page