

System Submission:

- All endpoints with all bonus has done
- Add some of seeding run automatic when application bootstrap
- Admin {email:"admin@mail.com",password:"123456"} has been seeded by default you can use it or Register another admin
- Tpeom and mysql database have been used
- change .env file with your database Credential
- Applied apiLimiter global to app
- Applied authentication for all exports endpoints
- Add some of unit tests for Borrower module(Not All test cases due time of submission) using jest
- System Follow Repository design pattern

Admin routes

Route	Method	Body	Output
<i>api/v1/auth/login</i>	Post	{“email”:” ”,”password”:” ”}	{success:””,data: {}}
<i>api/v1/auth/register</i>	Post	{“email”:” ”,”password”:” ”}	{success:””,data: {}}

Book routes

Route	Method	Body	Output
<i>api/v1/books/</i>	post	{“title”:””,”author”:””,”ISBN”:””, ”quantity”: number,”shelfLocation”:””}	{success:””,data: {}}
<i>api/v1/books/:id</i>	patch	Partial from create input	{success:””,data: {}}
<i>api/v1/books/</i>	get	-----	{success:””,data: {}}
<i>api/v1/books/:id</i>	get	-----	{success:””,data: {}}
<i>api/v1/books/:id</i>	delete	-----	{success:””,data: {}}
<i>api/v1/books/search?title= = &author=&ISBN=</i>	get	-Take query param instead body -you can send one or all query params	{success:””,data: {}}

Borrower Routes

Route	Method	Body	Output
api/v1/borrowers	post	{"name": " ", "email": " "}	{success: "", data: {}}
api/v1/borrowers	Get	-----	{success: "", data: []}
api/v1/borrowers/:id	get	-----	{success: "", data: {}}
api/v1/borrowers/:id	patch	Partial from create	{success: "", data: {}}
api/v1/borrowers/:id	delete	-----	{success: "", data: {}}

Borrowing Routes

Route	Method	Body	Output	Other
api/v1/ borrowings	post	{"borrowerId": number, "bookId": number, "dueDate": ""}	{success: "", data: {}}	
api/v1/borrowings/returnBook/ :borrowerId/bookId	patch	-----	{success: "", data: {}}	
api/v1/borrowings/myBooks/:borrowerId	get	-----	{success: "", data: []}	
api/v1/borrowings/overdueBooks	get	-----	{success: "", data: []}	-if overdueBooks empty return {success: "true", "data": []} empty r array
/api/v1/borrowings/report?startDate=2023-08-01&endDate="2023-10-01"&format=csv	get	Take query instead body	{success: "", data: []}	-Format may be csv or xlsx ,startDate,endDate must be dates not string -you can change the dates value -you must be login first -admin can only access this end point -test it on browser to get files automatic downloaded -if empty data return {success: "true", "data": []} empty r array
api/v1/borrowings/borrowingProcesses/lastMont	get	-----	{success: "", data: []}	-you must be login first

h				-admin can only access this end point -apilimiter applied -test it on browser to get files automatic downloaded
api/v1/borrowings/overdueBorrows/lastMonth	get	-----	{success:"""data:[]}	-you must be login first -admin can only access this end point -apilimiter applied -test it on browser to get files automatic downloaded if empty data return {success:"true","data":[]} empty r array