Page name: **User**

Client url: http://140.118.110.79/ api/login.html

Get a user's data	
Description	Obtain one user's information
URL endpoint	/api/UserAPI.php/users/
HTTP method	GET
HTTP content-type	Content-Type: application/json;charset=UTF-8
Parameters	username : string
Responses	"200": description: Success

Get all users' data	
Description	Obtain every users' information
URL endpoint	/api/UserAPI.php/users/
HTTP method	GET
HTTP content-type	Content-Type: application/json;charset=UTF-8
Parameters	
Responses	"200": description: Success

Create a user	
Description	Create a user
URL endpoint	/api/UserAPI.php/users/
HTTP method	POST
HTTP content-type	Content-Type: application/json;charset=UTF-8
Parameters	username : string password : string first_name : string last_name : string
Responses	"200": description: Success

Update a user	
Description	Update a user's info
URL endpoint	/api/UserAPI.php/users?username=""& password="" & first_name=""& last_name=""
HTTP method	PUT
HTTP content-type	Content-Type: application/json;charset=UTF-8
Parameters	username : string password : string

	first_name : string
	last_name : string
Responses	"200": description: Success

Delete a user

Description	Delete a user
URL endpoint	/api/UserAPI.php/users?username=""
HTTP method	DELETE
HTTP content-type	Content-Type: application/json;charset=UTF-8
Parameters	username : string
Responses	"200": description: Success

Page name: **BOOKS**

Client url: http://140.118.110.79/api/books.html

Get a book's data

Description	Obtain one book's information
URL endpoint	/api/BookAPI.php/books/
HTTP method	GET
HTTP content-type	Content-Type: application/json;charset=UTF-8
Parameters	username : string
Responses	"200": description: Success

Get all books' data

Description	Obtain every book's information
URL endpoint	/api/BookAPI.php/books/
HTTP method	GET
HTTP content-type	Content-Type: application/json;charset=UTF-8
Parameters	
Responses	"200": description: Success

Create a book

Description	Create a book
URL endpoint	/api/UserAPI.php/books/
HTTP method	POST
HTTP content-type	Content-Type: application/json;charset=UTF-8
Parameters	title: string
	author: string

	isbn : string
	publisher : string
	publication_year: year
Responses	"200": description: Success

Update a book's info	
Description	Update book's info
URL endpoint	/api/UserAPI.php/books?title=""&author="" & first_name=""&isbn=""&abstract=""&publisher="" &publication_year=""
HTTP method	PUT
HTTP content-type	Content-Type: application/json;charset=UTF-8
Parameters	title: string
	author: string
	isbn : string
	abstract(optional): string
	publisher : string
	publication_year: year
Responses	"200": description: Success

Delete a book	
Description	Delete a book
URL endpoint	/ api/BookAPI.php/books?username=""
HTTP method	DELETE
HTTP content-type	Content-Type: application/json;charset=UTF-8
Parameters	username : string
Responses	"200": description: Success

Page name: BOOK REVIEW

Client url: http://140.118.110.79/api/ book_review.html

user_id could be obtained from   http://140.118.110.79/api/login.html

book_id could be obtained from   http://140.118.110.79/api/books.html

Get books' review by user_id	
Description	Obtain every books' reviews by the input-user_id
URL endpoint	/api/BookreviewAPI.php/books/
HTTP method	GET

HTTP content-type	Content-Type: application/json;charset=UTF-8
Parameters	user_id: int
Responses	"200": description: Success

Get books' review by book_id	
Description	Obtain every books' reviews by the input-book_id
URL endpoint	/api/BookreviewAPI.php/books/
HTTP method	GET
HTTP content-type	Content-Type: application/json;charset=UTF-8
Parameters	book_id: int
Responses	"200": description: Success

Get a book's review	
Description	Obtain one book's review
URL endpoint	/api/BookreviewAPI.php/books/
HTTP method	GET
HTTP content-type	Content-Type: application/json;charset=UTF-8
Parameters	user_id: int book_id: int
Responses	"200": description: Success

Get all books' review	
Description	Obtain all books' review
URL endpoint	/api/BookreviewAPI.php/books/
HTTP method	GET
HTTP content-type	Content-Type: application/json;charset=UTF-8
Parameters	
Responses	"200": description: Success

Create a book review	
Description	Create a book review
URL endpoint	/api/UserAPI.php/books/
HTTP method	POST
HTTP content-type	Content-Type: application/json;charset=UTF-8
Parameters	user_id : string book_id : string rating : int

	review : string
Responses	"200": description: Success

Update a book's review	
Description	Update a book review
URL endpoint	/api/UserAPI.php/books? user_id =""& book_id ="" & rating =""& review =""
HTTP method	PUT
HTTP content-type	Content-Type: application/json;charset=UTF-8
Parameters	user_id : string book_id : string rating : int review : string
Responses	"200": description: Success

Delete a book's review	
Description	Delete a book review
URL endpoint	/ api/BookreviewAPI.php/books?user_id=""&book_id=""
HTTP method	DELETE
HTTP content-type	Content-Type: application/json;charset=UTF-8
Parameters	user_id : string book_id : string
Responses	"200": description: Success