

## **API : ws\_1\_library ( Chen Shamir )**

### **Library Object contains : (same names like in the WS)**

- libraryName
- address
- books (array of all books in the library).

### **Book Object contains : (same names like in the WS)**

- barcode (unique for each book).
- bookName
- author
- year
- genre
- total\_copies
- available\_copies

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Path : <https://ex1-ws-library.herokuapp.com/library>

- **Parameters:** none.
- **Return value :** json with all library information.

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Path : <https://ex1-ws-library.herokuapp.com/book/all>

- **Parameters:** none.
- **Return value :** json with all the books in the library. If the library doesn't have any book, it will return empty json.

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Path : <https://ex1-ws-library.herokuapp.com/book/available>

- **Parameters:** none.
- **Return value :** json with all the available books in the library. Available book it is a book with at least one available copy. If all books in the library are not available, it will return empty json.

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Path : <https://ex1-ws-library.herokuapp.com/book/name/:bookId>

- **Parameters:** bookId - the barcode of the book that you want to see his name.
- **Return value :** json with the name of the book with the required barcode parameter. If the bookId is not exist in the library, it will return empty json.

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Path : <https://ex1-ws-library.herokuapp.com/book/:bookId>

- **Parameters:** bookId - the barcode of the book that you want to see.
- **Return value :** json with all details about the book with the required barcode parameter. If the bookId is not exist in the library, it will return empty json.

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Path : <https://ex1-ws-library.herokuapp.com/book/genre/:genre>

- **Parameters:** genre - the genre of the books that you want to see.
  - **Return value :** json with all books with the required genre parameter. If the genre is not exist in the library, meaning the library don't have any book with this genre, it will return empty json.
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