

## Lab 14

In this Assignment 14, you are going to design and build a LibraryBooks Management web application.

You will make use of AJAX and JSON to implement the application as a decoupled client-server, service-oriented architecture. Meaning, your webapp client will be separate from the backend RESTful service (which is already implemented and provided for your use).

The following RESTful service endpoint urls are available to your LibraryBooks management webapp:

<https://elibraryrestapi.herokuapp.com/elibrary/api/book/list> : Presents JSON formatted data containing list of books in an array.

<https://elibraryrestapi.herokuapp.com/elibrary/api/book/add> : Adds a new book to the collection.

Take screenshots of your webapp (see examples attached) and include in your submission to Sakai or github repo.

Task2 - (Optional): Consider working on implementing solution to the Exercise given on Slide 39 of the Lesson (AJAX, JSON, REST...) pdf slides.

Enjoy!

## New Book Form

**Note:** Form fields marked with asterisk (\*) are required.

\*Book Title

\*ISBN

\*Overdue Fee per day

0.00

Enter a valid decimal amount; in dollars and cents; no comma (e.g. 1.99)

\*Publisher

\*Date Published

mm/dd/yyyy

Reset

Save Book

## Welcome to the eLibrary®



We are a top-flight, fully-digitized library. Find out more [about us](#) and learn how we can serve you with a widest variety of books and lots of other digital content, all for your education as well as your entertainment. You can also [take a virtual tour](#), of our world-class facilities and be amazed at all what we have in stock for you, your family and friends.

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries.

Already have access as a Member, Librarian or System Administrator? Then, simply [Sign-In](#) to access the full range of services available to you, based on your role and access rights.

## Books in our Collection

[Add New Book](#)

#	ISBN	Book Title	Overdue Fee	Publisher	Date Published
1.	637-5927531063	Guinness Book of World Records	\$7.40	O'Keefe-Schamberger	2019-07-17
2.	917-0001120980	Java Server Programming II	\$3.71	Ingress Technical Publications	2015-02-06
3.	122-3334465656	Jetbrains IntelliJ IDEA	\$5.00	John Wiley and Sons	2020-01-15
4.	374283447330416	Movies	\$2.03	Sawayn Group	2019-06-09
5.	3553119758968344	Music	\$7.97	Wilkinson, Hermann and Bayer	2019-03-27
6.	3580765899017693	Outdoors	\$3.28	Streich-Grant	2019-07-19
7.	357303904484415	Sports	\$1.76	Carroll Group	2019-09-06
8.	375844029070404	The Gardening Book	\$4.38	Fahey's LLC	2019-12-12
9.	30096366574368	Tools Book	\$3.38	Walsh-Brakus	2019-01-15
10.	12-343990445455	zau अशिम घिमिरे	\$44.05	अशिम घिमिरे	2019-12-18