

Assignments &gt; Lab 8

## Lab 8

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Instructions

### Objective:

Use lab 6 and add code for your web application to connect to the MongoDB database created in lab 7.

### Requirements:

1. Enhance the express URI (/bookinventory/add) to insert a book into a MongoDB collection.
2. Enhance the express URI (/bookinventory/list) to retrieve all books from a MongoDB collection.
3. The MongoDB collection that you must use was the one created in Lab 7.
4. **Take screenshots from your website pages and attach to the report**
5. Write a technical report that contains all the following elements:
  - a. Write a technical report explaining your design choices and what you used to test the RESTful endpoints from number 1 and 2.
  - b. How long did you spend on this lab? Length of time includes readings and research and code experimentation. State time involved in readings and research as well as code experimentation sessions.

### Submission:

Two separate files:

1. One PDF containing your report + screenshots of your webpages + validation results (do NOT zip the report with other files otherwise 20% will be deducted. Put all screenshots in the same PDF file, do NOT attach them separately)
2. One zip file containing all files related to your website for the lab

Notes:

- Late submission will receive 10% deductions per 24 hours up to 72 hours. After 72 hours, 0 will be assigned
- Without zip file or without reports at least 50% of the mark will be deducted
- **PDF Report without screenshots of web pages will receive 0**
- **Not following the submission format will result in deduction of marks**

Due Date

Apr 5, 2022 11:59 PM

Attachments

### Submit Assignment

Submit

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1. The answers that I provide in this assessment will be entirely my own work, except where I have appropriately referenced the work of others.
2. Unless explicitly authorized by my instructor in writing, the instructions provided in the assessment, or an academic accommodation provided to me by Academic Accommodation Support, I understand that I am not permitted to collaborate or otherwise communicate with others during this assessment.
3. Similarly, unless explicitly authorized, I understand that during this assessment I am not permitted to use the internet (except to download and submit the assessment) and consult or use any physical, or digital resources and aids, including personal notes, textbooks, and course materials.
4. I acknowledge that I am subject to Ryerson's policies, procedures, and guidelines. I understand that if I engage in academic misconduct during the course of this assessment, I may be subject to penalties, including those outlined in Policy 60 (Ryerson's Academic Integrity Policy).

For assessments which are being proctored:

1. If the invigilator or instructor requires OneCard identification, the OneCard identification I will provide to confirm my identity is my own and accurate.
2. I understand that in order to administer this assessment, personal information may be collected, including, if the assessment is being proctored, my OneCard identification or a digital streaming and/or recording of me completing the assessment. I consent to the collection, use, and disclosure of my personal information for assessment, evaluative, and course management purposes and any other consistent purposes.
3. I will respect the privacy of all other students completing the assessment and will not collect, use, or disclose the personal information of any other student.

I affirm the above information and wish to proceed with the assessment.

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