

SRT621 – Winter 2022

Assignment #2

Worth: 30% of final grade [30 marks]

Assignment Due: Refer to the deadline on learn.Senecacollege.ca

## Submission Instructions:

1. You will submit two things in one text file.
  - Link to your assignment code Git repository (Codes/files submitted to blackboard are not going to be corrected.)
  - Link to your Heroku app (deployment)

### Instructions:

In this assignment you will

- 1- Add 3 new features to your lab 10 project (20 marks)
- 2- Deploy your app onto the cloud (10 marks)

## Assumptions

You already have a working app that has the following endpoints and works as described in lab 10 instructions.

- <http://localhost:3000/home>
- <http://localhost:3000/books/1>
- <http://localhost:3000/books/2>
- <http://localhost:3000/books/3>

### 1<sup>st</sup> New Feature (3 marks):

- Add a navigation pane to the bottom of each page with the following links:
  - A link to the List of books (takes the user to /home)
  - A link to the “Add a Book” page (takes the user to /AddNewBook) → look at 2<sup>nd</sup> new features for details
  - A link to “Delete a Book” page (takes the user to /DeleteABook) → look at 3<sup>rd</sup> new features for details
- You can see an example of the pane in the images at the bottom of this document.

### 2<sup>nd</sup> New Feature (8 marks):

- Add a new page to your app through which a user can add a new book to the database.
- This page is accessible at /AddNewBook (2 marks)
- The user enters a name, an author name and an amazon link and presses submit.
- If all of the above info are entered by the user the book is added to the database. (2 marks)
- If the user has not entered all of the above data, the form will give appropriate error messages. (3 marks)
- After successful submission of data, user is redirected to /home to see the list of the books. (1 mark)

- The new page must look something like the first image at the end of this document.

### 3<sup>rd</sup> New Feature (9 marks):

- Add a new page to allow the user to delete a book
- This page is accessible at /DeleteABook which looks like second image at the end of this document. (2marks)
- As soon as the user clicks on a delete button next to a book's name:
  - the app asks the user if they are sure they want to delete the book (Yes, No prompt) (2mark)
  - if the user clicks on No, the process is aborted. (2mark)
  - if they click yes, the book will be deleted (2mark)
- After successful deletion of a book, the user is redirected to /home to see the list of the books. (1mark)

<p>http://localhost:3000/addNewBook</p> <p><b>Add a new book</b></p> <p>Name:</p> <input type="text"/> <p>Author Name:</p> <input type="text"/> <p>Amazon Link:</p> <input type="text"/> <p><input type="button" value="Submit"/></p> <hr/> <p>List of Books   <a href="#">Add Book</a>   <a href="#">Delete A Book</a></p>	<p>http://localhost:3000/DeleteABook</p> <p><b>To delete a book, click on the red X button.</b></p> <div><div><input type="checkbox"/></div>HTML and CSS</div> <div><div><input type="checkbox"/></div>JavaScript and JQuery</div> <div><div><input type="checkbox"/></div>Get Programming with Node Js</div> <p><hr/>List of Books   <a href="#">Add Book</a>   <a href="#">Delete A Book</a></p>
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## Deployment:

As learned in the classroom, deploy your app onto Heroku apps and share your apps link (xxx.herokuapp.com). All of the above features must work exactly as explained on the cloud.

## Grading:

feature	Marks
Website works as expected for the following URLs <ul style="list-style-type: none"><li>– http://localhost:3000/home</li><li>– http://localhost:3000/books/1</li><li>– http://localhost:3000/books/2</li><li>– http://localhost:3000/books/3</li></ul>	0 → from lab 10
- 1 <sup>st</sup> new feature (nav pane)	3
- 2 <sup>nd</sup> new feature (Add New Books)	8
- 3 <sup>rd</sup> new feature (Delete a Book)	9
- Deployment	10
TOTAL	8



**Please note** that your Assignment web server must start working upon running a “node index.js” command. If it does not your project ***won’t be graded at all*** as it will be marked as non-working.

**Please note** that you can use ejs layouts for the navigation pane, but you do not have to.