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

1st 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 2nd new features for details
 - A link to "Delete a Book" page (takes the user to /DeleteABook)
 → look at 3rd new features for details
- You can see an example of the pane in the images at the bottom of this document.

2nd New Feature (8 marks):

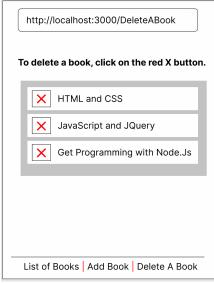
- Add a new page to your app through which a user can add a new book to the database.
- This page is accessible at /AddNewBook (2 marks)
- The user enters a name, an author name and an amazon link and presses submit.
- If all of the above info are entered by the user the book is added to the database. (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.

3rd 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)
 - o if the user clicks on No, the process is aborted. (2mark)
 - o 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)





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	0 → from lab 10
http://localhost:3000/home	
http://localhost:3000/books/1	
http://localhost:3000/books/2	
http://localhost:3000/books/3	
- 1 st new feature (nav pane)	3
- 2 nd new feature (Add New Books)	8
- 3 rd 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.