Assignment 2

ITEC 4020 (Winter22)
Instructor: Farhad Hosseinkhani
Start Date: 13 March
Due Date: 24 March
Group members limit: 1-3 (state the name of all group members in group.txt file)

Last time we developed a rest API for the library. The librarian operators and users cannot use the Rest API directly, so they asked us to implement the assignment 1 tasks (CRUD for each entity + borrowing/ returning/ list of borrowed books functionality with all of the constraints stated in assignment 1) in a website.

Notes:
- The constraints are the same as assignment 1, and you can just copy-paste your code for schema if you got the complete score.
- In this assignment, you will use forms a lot, and for viewing the content, you need to use handlebars.
- If the form input did not satisfy the constraints, you should mention the errors in the response page and what was wrong about which field. eg : "phone number must follow the xxx-xxx-xxxx format."
- Check your assignment 1 feedback before starting this assignment.
- Your code should not return JSON anymore!
- You are going to use ExpressJs and start the server on port 8889
- Your app should contain a variable named 'mongodb_url' at the first line, so I can change it and test your codes with my own MongoDB server. (this is important because I cannot try your code without it, and your score will be 0. You can check our previous sessions recorded video if you don't know what I mean here)
- On the main page with URL '/', you should have all links to all of your other URLs. That means in this page; there should be 4(book CRUD)+4(user CRUD)+3(borrowing functionalities)+2(listing books/users) links that refer to each of the mentioned functionalities.
- Use HTML tables to list books/users/borrowed books.
- There will be no input in the URLs like the Rest API, so you should get all the required info through forms before performing a specific task.
- There should be a home button on all pages to refer me to the main page with URL '/'
- Because there will be no info in the URLs anymore, and every information is provided through forms, and I'm going to click on links to navigate the website, you can manage the URLs however you like.
- Use GET method for query form(Eg. listing user borrowed books) and POST method for forms that change something in the database(Eg. anything else).
- State the name of all group members in the "group.txt" file in your uploaded directory. (single person groups should have this file too)
- Only the first person of the group should upload the assignment directory.

- You are going to present your website in the class. Make it beautiful as possible.

Good Luck!
Farhad