

## HTML, CSS & Javascript

### Building stuff with jQuery and Bootstrap

#### Books Shop (code name: book-shop)

Your challenge is to build a page that shows a list of books: *id*, *name*, *price*, *imgUrl*. We will allow the user – a shop owner – to manage the books.

1. Setup your project
  - a. Use a book-service to manage the books
2. Create your Model and show the books in a table. We will use a global variable `gBooks`, and a function `renderBooks()` that will draw the table

Now, let's handle CRUD (Create, Read, Update and Delete)

3. Add an Actions column to the table (something like this :)

## Welcome to my bookshop

[Create new book](#)

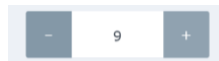
Id	Title	Price	Actions		
1	Learning Laravel	18.90	<button>Read</button>	<button>Update</button>	<button>Delete</button>
4	Beginning with Laravel	6.65	<button>Read</button>	<button>Update</button>	<button>Delete</button>
5	Java for developers	7.20	<button>Read</button>	<button>Update</button>	<button>Delete</button>

4. Handle delete - when the button clicked call `onDeleteBook` that will use the service's function `deleteBook(bookId)`
5. Support adding a new book:
  - a. When clicked, call the function `readAndAddNewBook()` that will read (prompt) the details from the user: name and price, then will call a function `addBook(name, price)` that pushes a new book into the `gBooks` model. Then call the `renderTable()` to redraw the table
6. Support updating a book:
  - a. When clicked, call the function: `readAndUpdateBook (bookId)` that will prompt for the book new price and call the service's function

`updateBook(bookId, bookPrice).`

Then Call the `renderTable()` to redraw the table


7. Create a modal: **Book Details**, that shows the details of a selected book including its photo
  - a. When read is clicked, show the modal with details of the selected book.
  - b. Add a rate property for the book, set 0 as default, the rate should be a number between 0 and 10.
  - c. In the Book Details, allow the user to change the rate of the book by clicking the + / - buttons:



A small UI component for a rate input. It consists of a light blue rounded rectangle containing three elements: a dark blue square button with a white minus sign, a white input field with the number '9', and another dark blue square button with a white plus sign.

### Bonus

1. Read the data from the user using an `<input>` instead of prompt
2. Make the header of the table clickable to support sorting by name or price
3. Add paging:



A small UI component for paging. It consists of a light blue rounded rectangle containing five elements: a dark blue square button with a white left arrow, a white input field with the number '1', a dark blue square button with a white right arrow, a dark blue square button with a white left arrow, and a dark blue square button with a white right arrow.