1 Practice 13.2. Forms with Symfony

> The mark of this practice **can increase the mark of the second evaluation by 0.5 points**, provided that the marks of the practice part and the exam are at least 5.
>
> It's recommended to do this practice after the practice 13.1.
>
> Before start, create a new git branch named `library-u13.2` and switch to it:
>
> ```
> git branch library-u13.2
> git checkout library-u13.2
> ```
>
> Do all the practice in the `library-u13.2` branch. Once finished, do the submission via GitHub Classroom as detailed at the end of the practice.

1.1 Overview

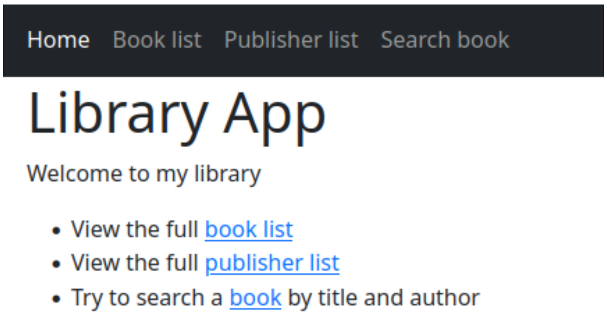
In this practice we're going to do the forms to view and edit the data of our library app. The required forms are:

- A form for editing, deleting and adding books.
- A form for editing, deleting and adding publishers.
- A form for searching books by title and author.
- A form for searching publishers by name.

Use the styles you want.

Add to each page a navigation bar or links to return to the main pages. All the pages must be accessed by buttons or links.

At the end of the practice, remove or comment the routes and code unused.



Library App

Welcome to my library

- View the full book list
- View the full publisher list
- Try to search a book by title and author

Figure 1: Main page

1.2 Exercise 1. Book form

Create a form for editing, deleting and adding a new book.

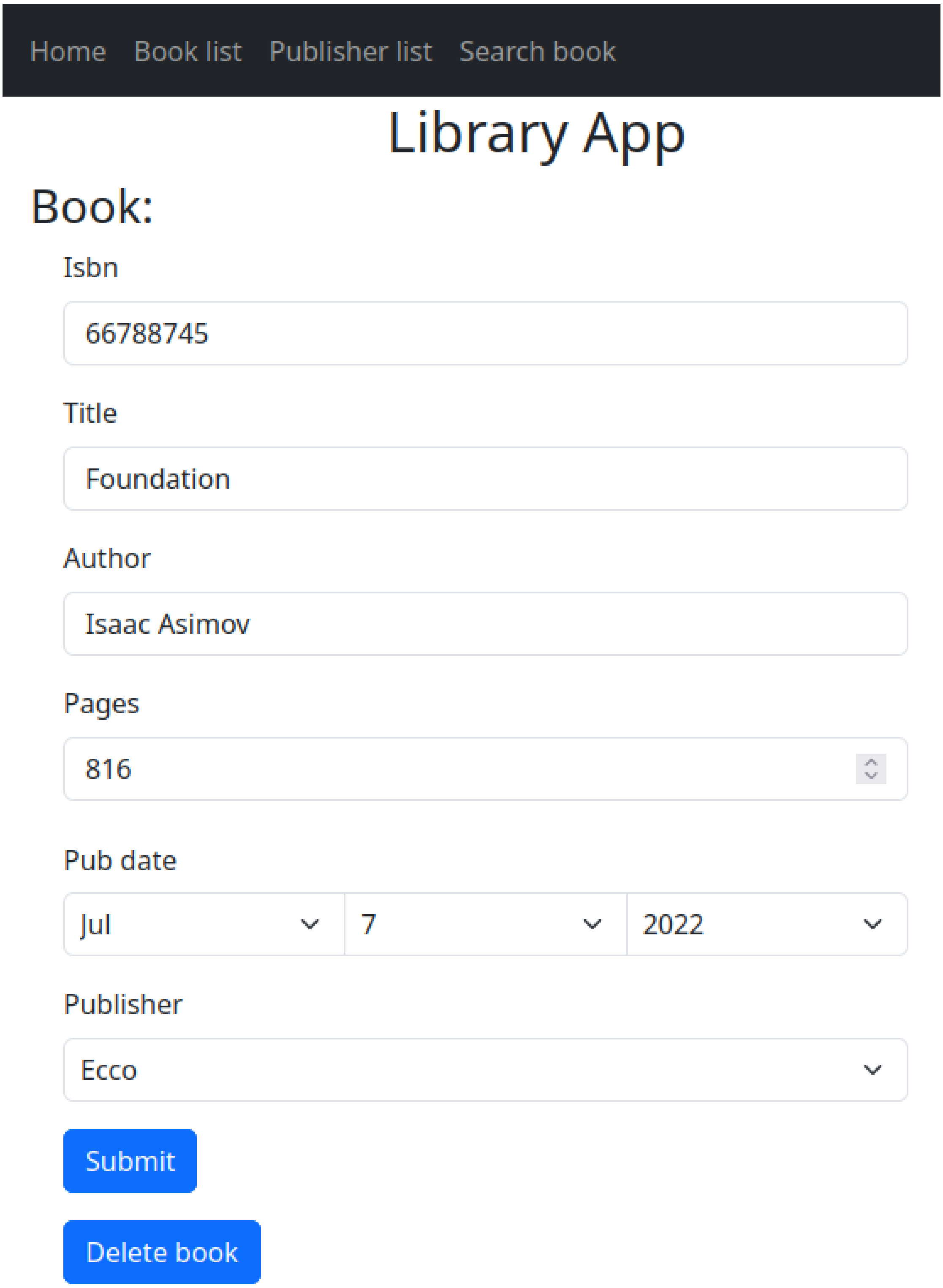
The form can be included in the *`single book`* view and in the *`new book`* view.

The publisher must be selected by a `select` input or similar. Remember that the publisher can be empty (`null`).

Choose an appropriate range of years for the publication date, i.e. from the year 1000 to the current year.

The validation must be done in the server (disable the client-side validation) and must have the next restrictions:

- ISBN and title required
- Pages, a numeric value equal or greater than zero.



Library App

Book:

Isbn: 66788745

Title: Foundation

Author: Isaac Asimov

Pages: 816

Pub date: Jul 7 2022

Publisher: Ecco

Figure 2: Book form

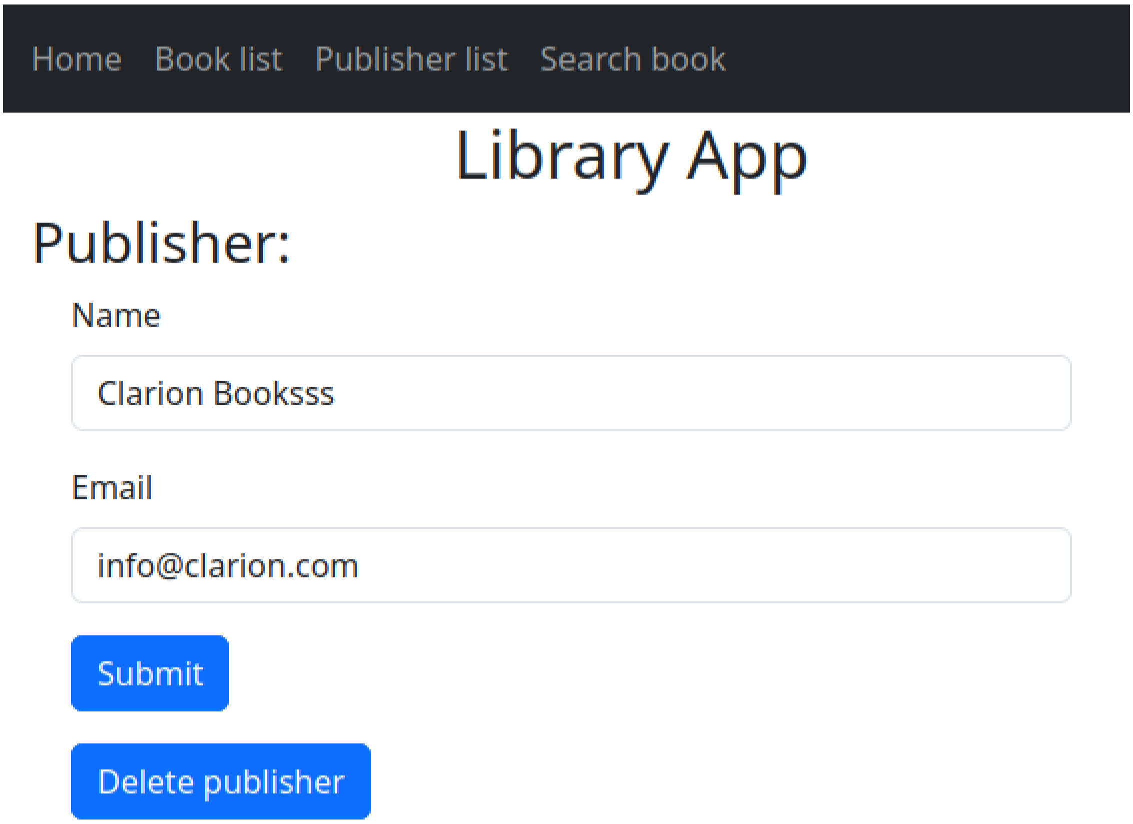
1.3 Exercise 2. Publisher form

Create a form for editing, deleting and adding a new publisher.

The form can be included in the *`single publisher`* view and in the *`new publisher`* view.

The validation must be done in the server (disable the client-side validation) and must have the next restrictions:

- Name required
- Email, not required and email format.



Name

Clarion Booksss

Email

info@clarion.com

Figure 3: Publisher form

1.4 Exercise 3. Search books form

Create a form for searching a book by title and author.

Make a new view for the form. You can reuse the `/book/search/{title}/{author}` renaming it to `/book/search`.

The fields must accept empty strings.

The result should be shown in the `book list` view, as in the previous practice.

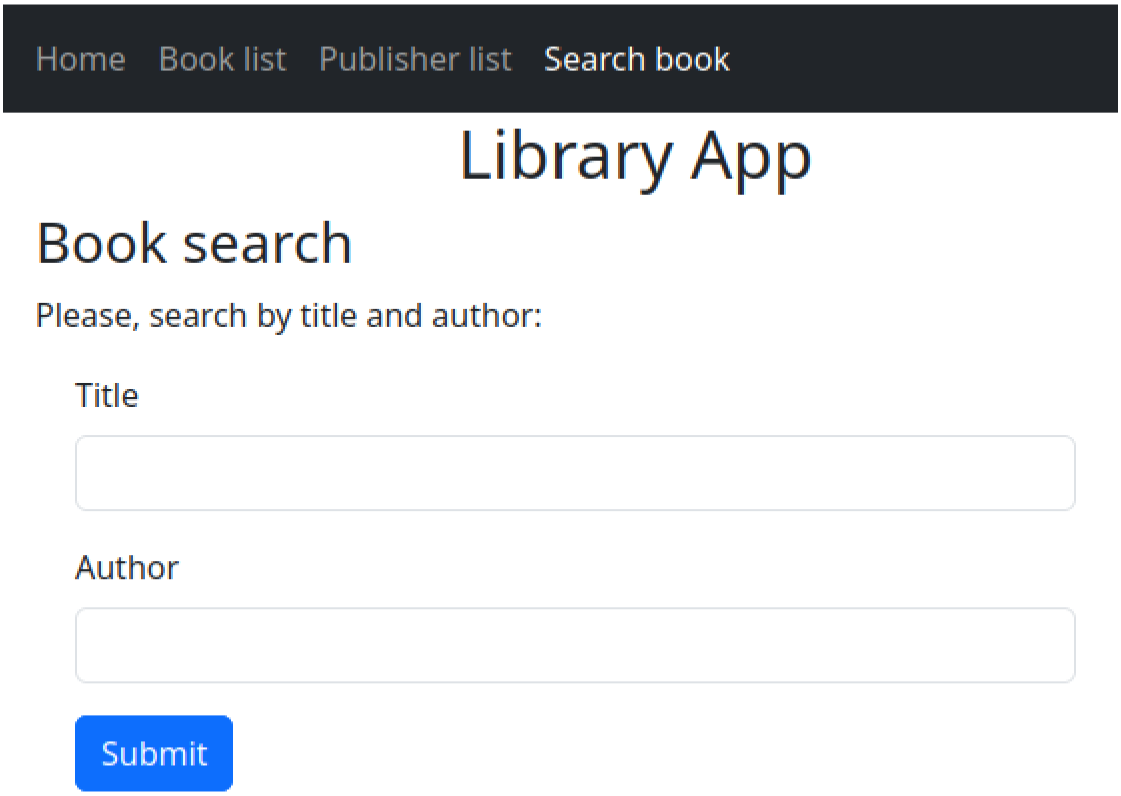


Figure 4: Search books form

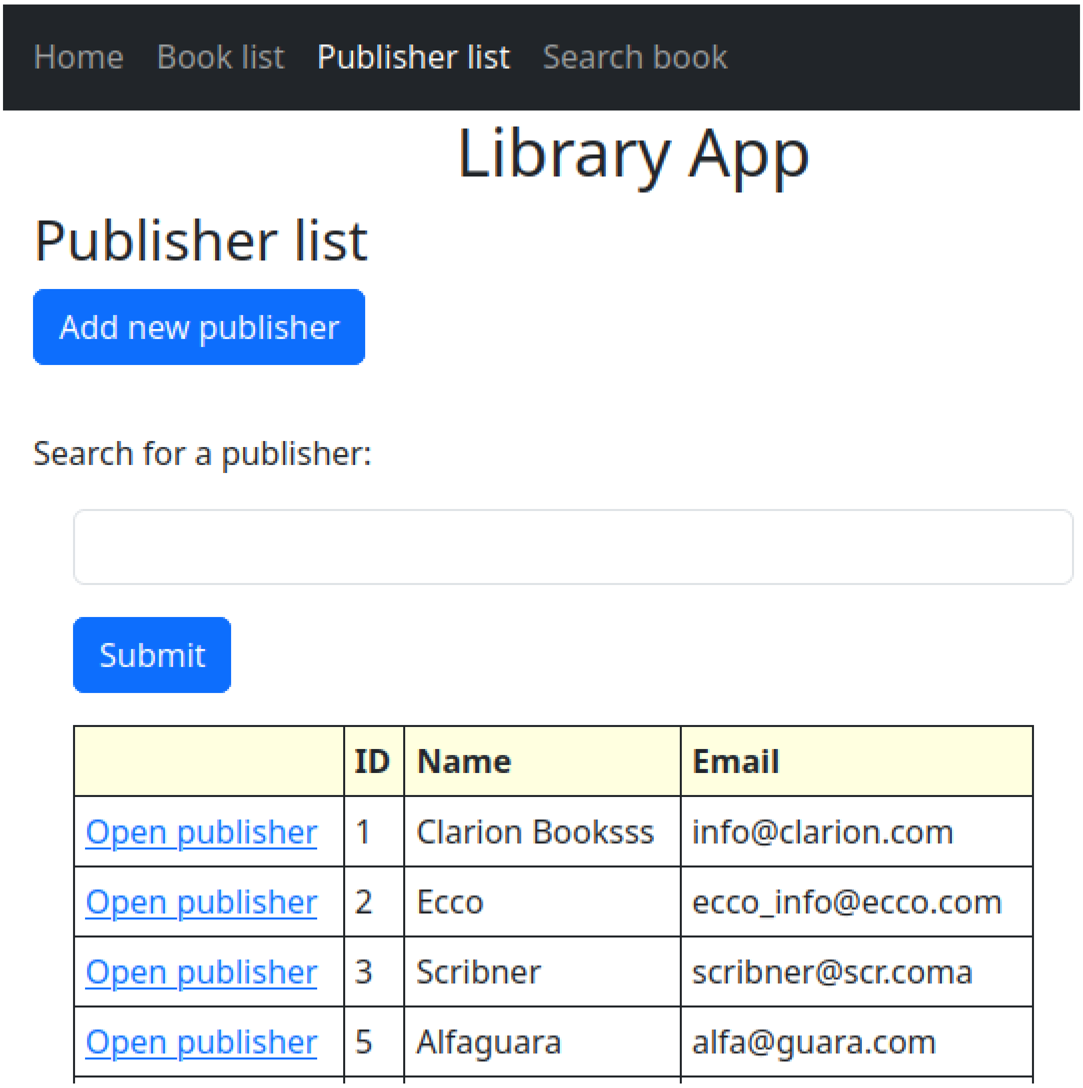
1.5 Exercise 4. Search publishers form

Create a form for searching a publisher by its name.

Embed the form in the publisher list view instead of creating a new view.

The field must accept empty strings.

The result should be shown in the `publisher list` view, as in the previous practice.



Library App

Publisher list

Search for a publisher:

	ID	Name	Email
Open publisher	1	Clarion Booksss	info@clarion.com
Open publisher	2	Ecco	ecco_info@ecco.com
Open publisher	3	Scribner	scribner@scr.coma
Open publisher	5	Alfaguara	alfa@guara.com

Figure 5: Publisher list with the publisher search form

1.6 How to submit to GitHub Classroom

nce you finish the task, make a commit with the comment “PRACTICE 13.2 SUBMISSION COMMIT” and push it to GitHub. Make a **pull-request** so that i could know your code is submitted.

1. This task must be submitted to the same repository of the previous one. Remember to make a new branch before starting the practice.
2. Once you finish the task, make a commit with the comment “PRACTICE 13.2 SUBMISSION COMMIT”, merge the branch into the main branch, and push it to GitHub. For example:

```
git commit -m "PRACTICE 13.2 SUBMISSION COMMIT"
git checkout main
git merge library-u13.2
git push
```

3. It’s recommended to tag your commit with the tag “Practice_13.2”.
4. Before that, you can do the commits and push you want. If you change your code after your submission commit, make another commit and push with the same text in the message adding the corrections you’ve done.

If you have any doubt in your task, you can push your code and ask me by email what’s your problem. It will make it easier for both the solutions of code issues.