# Exercises: Basics. Razor Pages Architecture

Problems for exercises and homework for the [“C# MVC Frameworks - ASP.NET” course @ SoftUni](https://softuni.bg/courses/asp-net-mvc).

Now let’s implement some of the real, library functionality.

## Add a Borrower

In the page /Borrowers/Add display a form which asks for the name of the person. If you want, get fancy and add additional information; it’s up to you.

## Borrow a Book

In the page details page, add a “Borrow” button if the book is at home. **Don’t show the button if the book has already been borrowed!**

The button should take you to /Books/Borrow/{id} and display a form. The form should ask for the person borrowing and the start and end dates.

The start date defaults to the Web server’s system date (i.e. **DateTime.Today**). The end date is optional (i.e. may be left blank). If so, the book is borrowed indefinitely.

The start date may be in the past (i.e. someone borrowed a book yesterday but you didn’t have the time to register that immediately). If provided, the end date should be **after** the start date.

The name of the borrower should be taken from a dropdown. If they don’t yet exist in the database, they can be added separately. You may provide a link to the /Borrowers/Add page (or even display a form and perform an AJAX call if you feel fancy).

## Return a Book

For a currently borrowed book, add a button to its “Details” page to return it. You don’t need explicit validation, and you don’t need to display a confirmation page. Just reload the page when you’re ready.

## Handle Book Status

Go back to the home page and update the “Status” column accordingly.

## Check Book History

On the book details page, show a link to /Books/Status/{id} named “Show History”.

On the page, display all time intervals when the book has been borrowed.