The client part of this application is displayed as the user’s menu and a grid of the book’s catalogue. To take a book, a client must be authorized. Clicking the “login” button, the user redirects to the login page. The data from this page sent to the "RegistrationController.RegForm ()" method after login and e-mail address are entered. The data checking is occurred in this method. If these data is the credentials of admin, it client be redirected to admin panel.   
If this is the user, the method will be searched matches in the data base.   
When a match is found, the server sends the user data that was previously stored in the database. If no match is found the user is added to the database and sets the "ID" of -1 (this means that the user has not picked up a book yet). Then the server sends the client a new value of cookie. After registration the user can borrow books. When the user picks up the book, the book ID and the date of taking the book added to the database in the table "history books".   
At the same time, a server sends to the user by e-mail a report, about that he took a book. Pressure of this button results in that in the table " of Readers", to the current user the date of return of book is added and an identifier is set in – 1.

Elements of user menu:

AllBooks - this element represents next information: authors of book, name of book, common amount of copies of this book and accessible amount;

TakenBooks - represents to the user a book he has that presently, and similarly date of taking of book;

SortByName - sorts the list of books on the name;

SortByAuthors - sorts the list of books on authors;

Admin panel:

In order that to pass to admin panel, it is necessary in the form of authorizing to enter data of administrator, that is hard-coded on a server.

Elements of admin panel:

AllBooks - shows all books present in a library. Every element of this presentation has the following functional: viewing of history of book, removal of book from a base, change of amount of books. These actions are passed on a server by means of ajax-queries. This feature allows to renew data on a current page without a restart.

For providing of the declared functionality, this application requires a publication on a web server