

Practice: Database and Layer Architecture

There are three (3) pages in this web application. By which user will save book information in database and display these retrieving from database.

You must ensure layer architecture here and all good practices.

During save you must ensure that ISBN must be unique and thirteen (13) characters long. At first all information will be shown in *GridView*, then user can search book by name (partial), and information contains that name will be shown in *GridView*. If user left the textbox blank and press search button, then all information will be shown again. Noted that, *SL#* will be generated as per items of the *GridView* (not from the database).

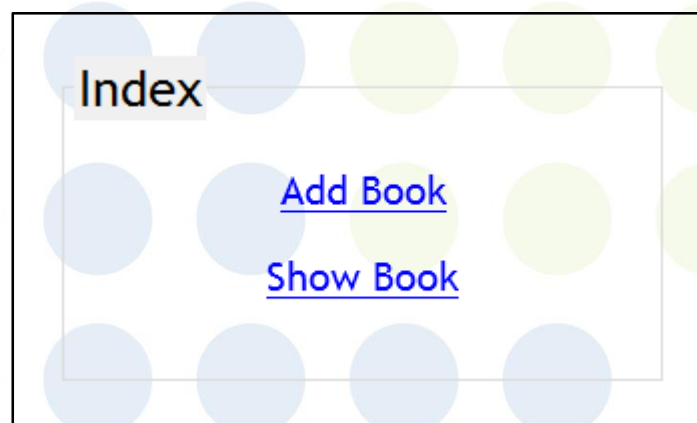
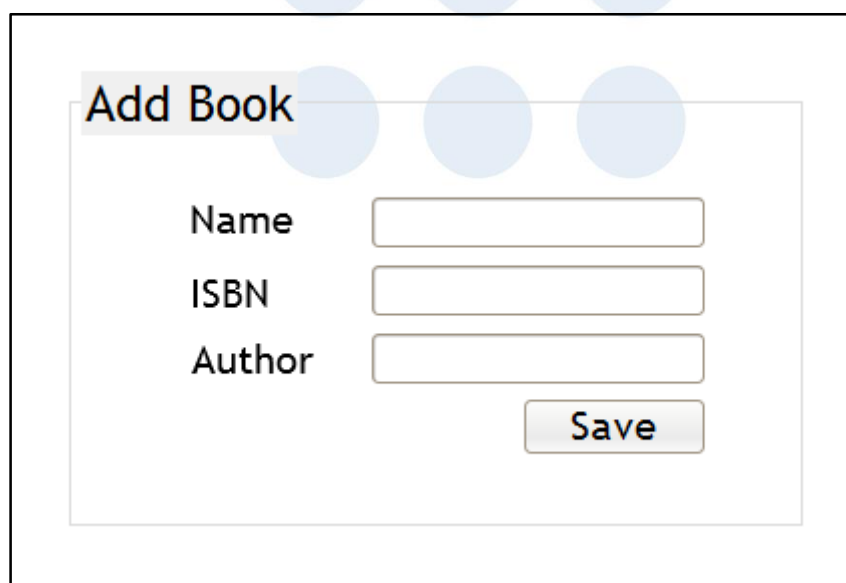


Fig. 1: Index



The screenshot shows a web form titled "Add Book". It contains three input fields: "Name", "ISBN", and "Author". Below these fields is a "Save" button. The form is surrounded by a decorative pattern of light blue and yellow circles.

Fig. 2: Add Book

Show

Name

SL#	ISBN	Name	Author

Fig. 3: Show Book