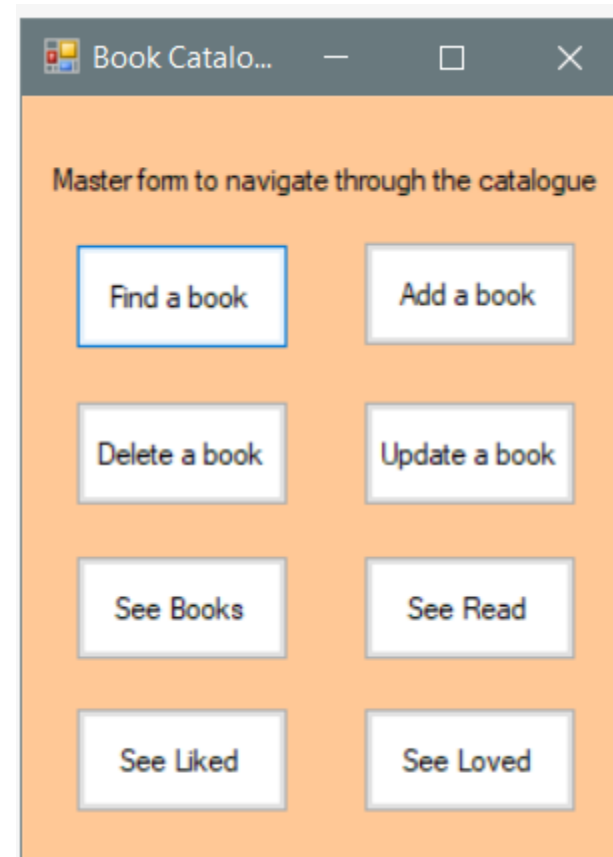


Каталог за книги

Димитър Чакъров, Иван Иванов
11 клас

Увод

Приложение за работа
с каталог за книги.



База данни

- Entity Framework
- Code-First
- Microsoft SQL Server Express 2017

```
public class Book
{
    public int Id { get; set; }
    public string Name { get; set; }
    public string Author { get; set; }
    public string Description { get; set; }
    public bool Read { get; set; }
    public bool Liked { get; set; }
    public bool Loved { get; set; }
    public string Comment { get; set; }

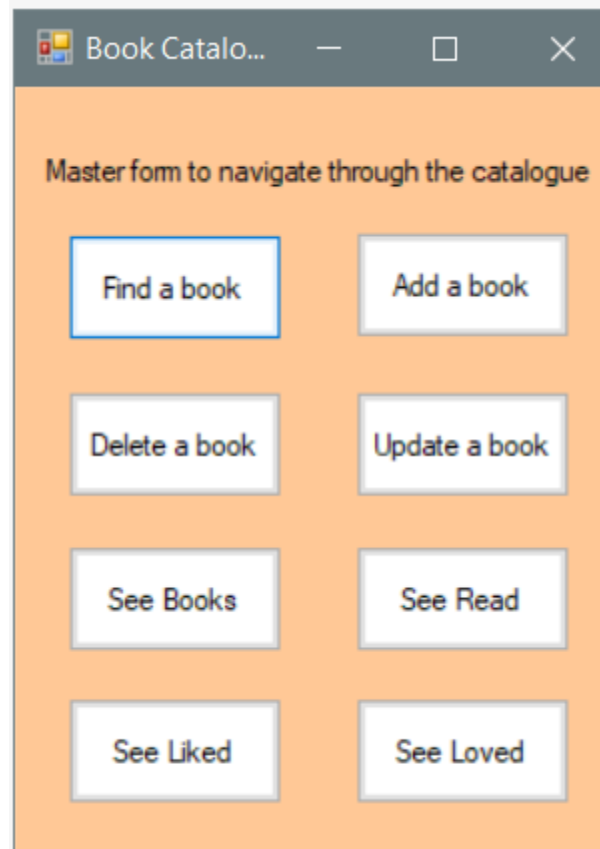
    public Book() : this(null, null)
    {
    }

    public Book(string name, string author)
    {
        this.Name = name;
        this.Author = author;
    }
}
```

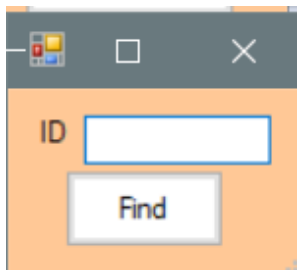
Услуги/Логика

- Работа с базата данни
- Извличане на информация
- Намиране, добавяне, промяна, изтриване на данни
- Unit Tests (12/12)

Интерфейс – Начален прозорец



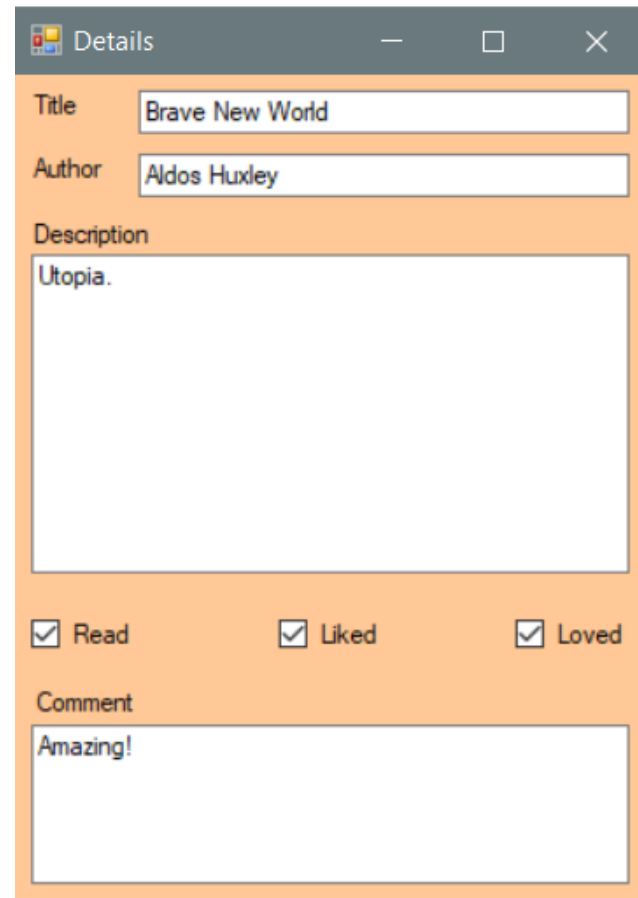
Интерфейс – Намиране на книга



A small window with a dark gray title bar containing a window icon, a maximize button, and a close button. The main area has an orange background. It contains a label 'ID' followed by a text input field, and a 'Find' button below it.

ID

Find



A larger window titled 'Details' with a dark gray title bar containing a window icon, a maximize button, and a close button. The main area has an orange background. It contains fields for 'Title' (Brave New World), 'Author' (Aldos Huxley), and 'Description' (Utopia.). Below these are three checkboxes: 'Read', 'Liked', and 'Loved', all of which are checked. At the bottom is a 'Comment' field with the text 'Amazing!'.

Details

Title

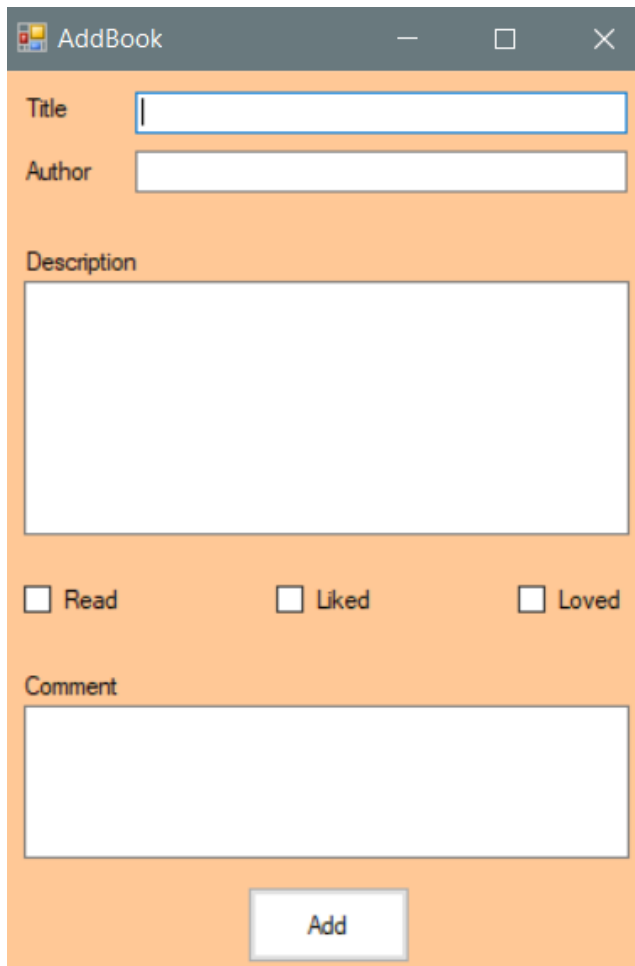
Author

Description

☒ Read ☒ Liked ☒ Loved

Comment

Интерфейс – Добавяне на книга



A screenshot of a Windows-style application window titled "AddBook". The window has a light orange background and a dark gray title bar with standard minimize, maximize, and close buttons. The form contains the following elements: a "Title" label followed by a single-line text input field; an "Author" label followed by a single-line text input field; a "Description" label followed by a large multi-line text area; three checkboxes labeled "Read", "Liked", and "Loved", all of which are currently unchecked; a "Comment" label followed by a single-line text input field; and an "Add" button at the bottom center.

AddBook

Title

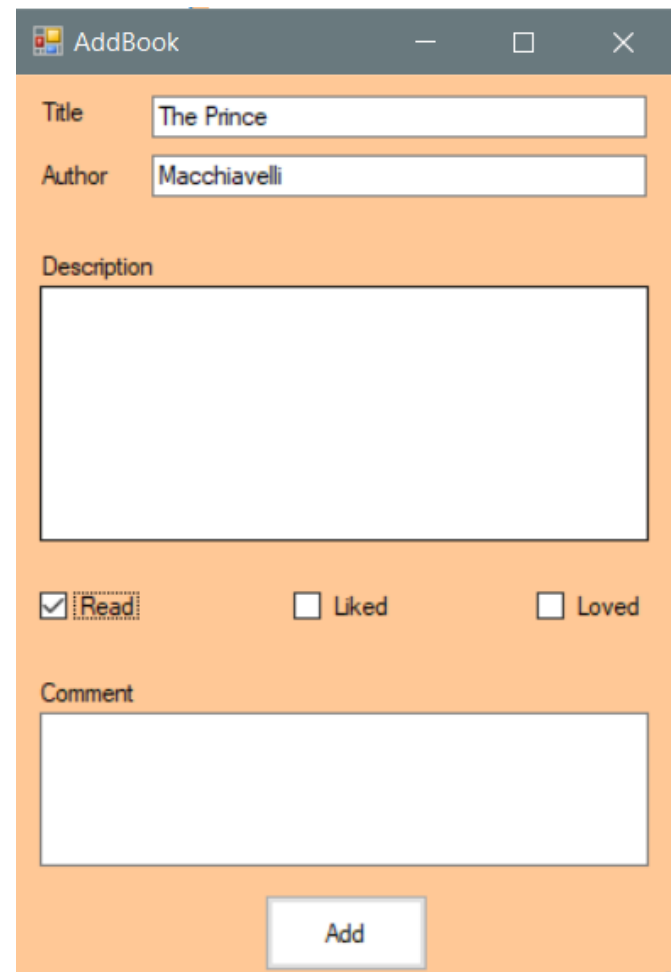
Author

Description

☐ Read ☐ Liked ☐ Loved

Comment

Add



A second screenshot of the "AddBook" window, showing it after some data has been entered. The "Title" field now contains "The Prince", and the "Author" field contains "Macchiavelli". The "Read" checkbox is now checked, while "Liked" and "Loved" remain unchecked. The "Description" and "Comment" fields are still empty. The "Add" button remains at the bottom.

AddBook

Title The Prince

Author Macchiavelli

Description

☒ Read ☐ Liked ☐ Loved

Comment

Add

Интерфейс – Промяна на книга

AddBook

Title

Author

Description

☒ Read ☐ Liked ☐ Loved

Comment

Add

UpdateBook

ID

Title

Author

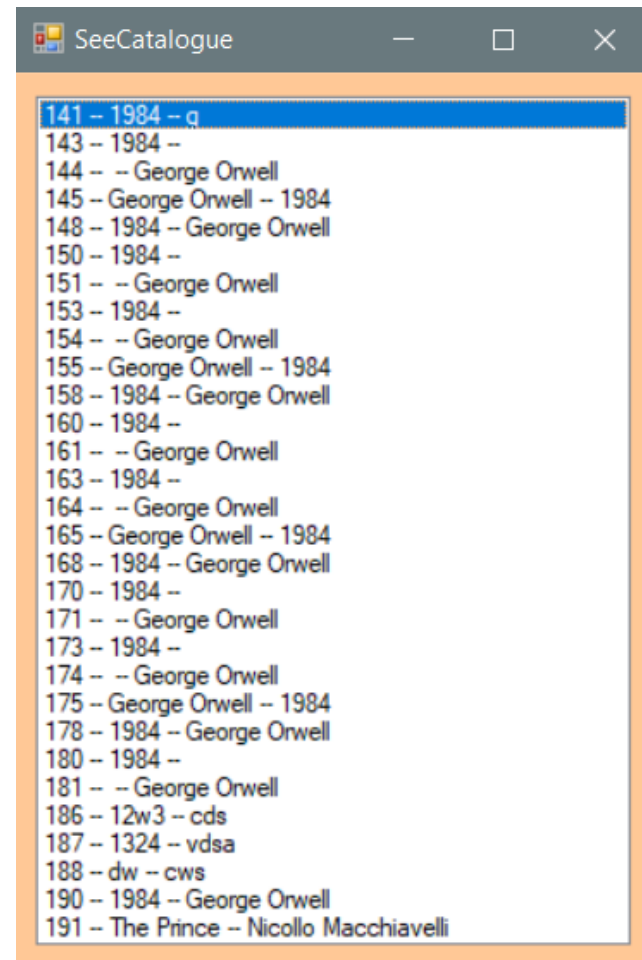
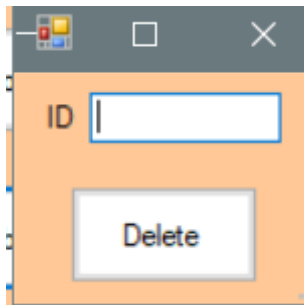
Description

☒ Read ☒ Liked ☐ Loved

Comment

Update

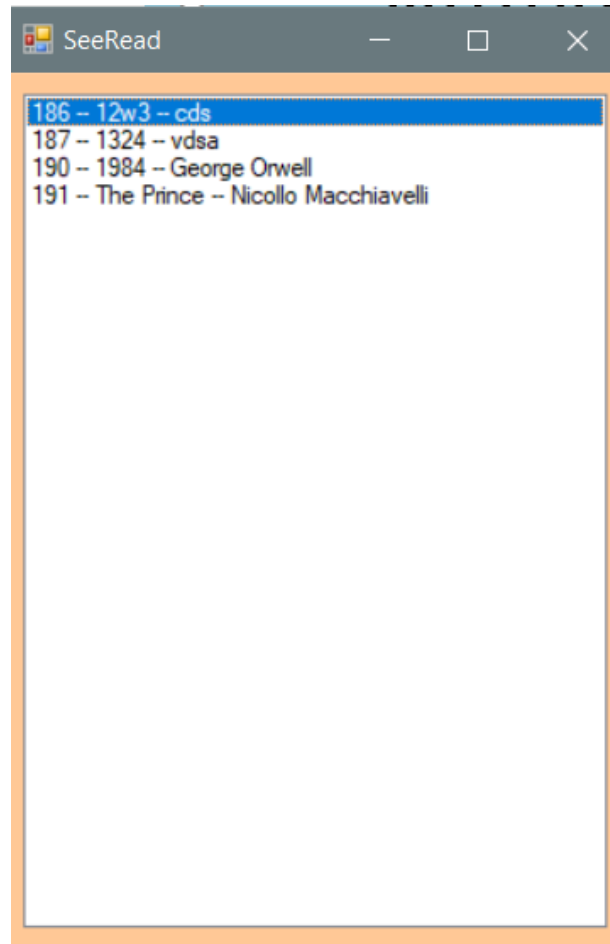
Интерфейс – Изтриване на книга



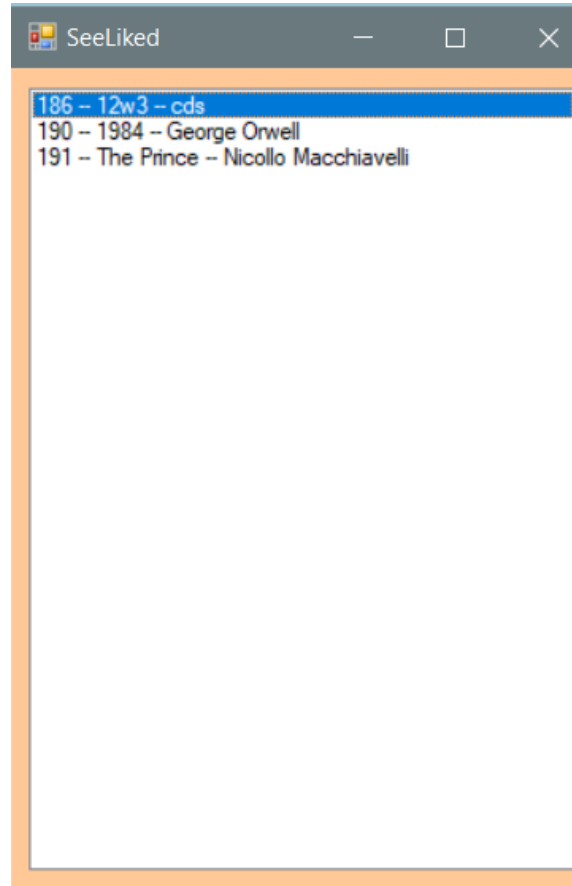
Интерфейс – Всички книги



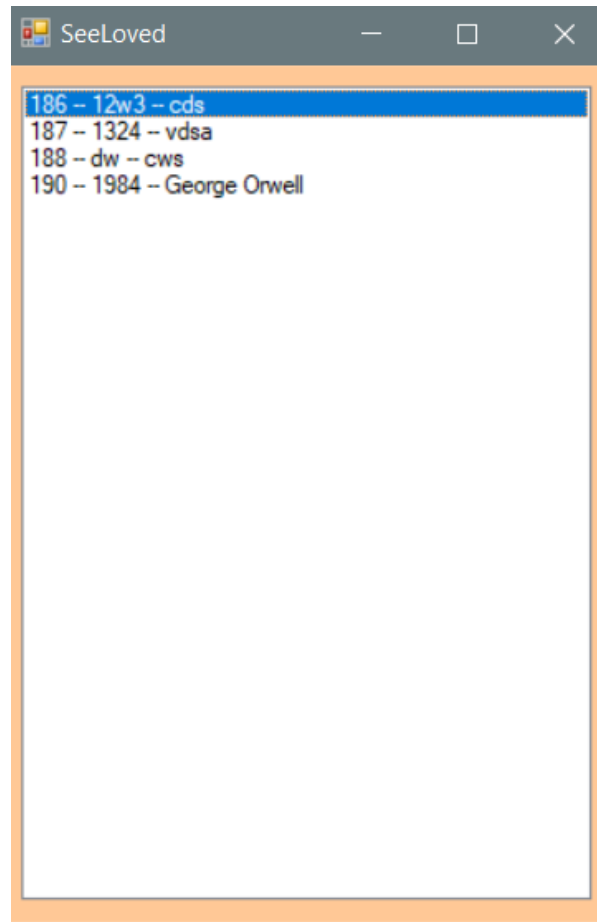
Интерфейс – Прочетени книги



Интерфейс –Харесани книги



Интерфейс – Любими книги



Благодарим Ви за вниманието!