ASP.NET Project

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1 Main Idea

Abstract

This Project is about delivering free books, such as pdfdrive where you can find free educational or spiritual books and maybe learn something. The idea is a bit small, but I wanted to learn new things and improve and I felt like this idea is the best way to do so.

2 Technology Used

- BootStrapMade

- Cypress

- Visual Studio 2010

- DataTables

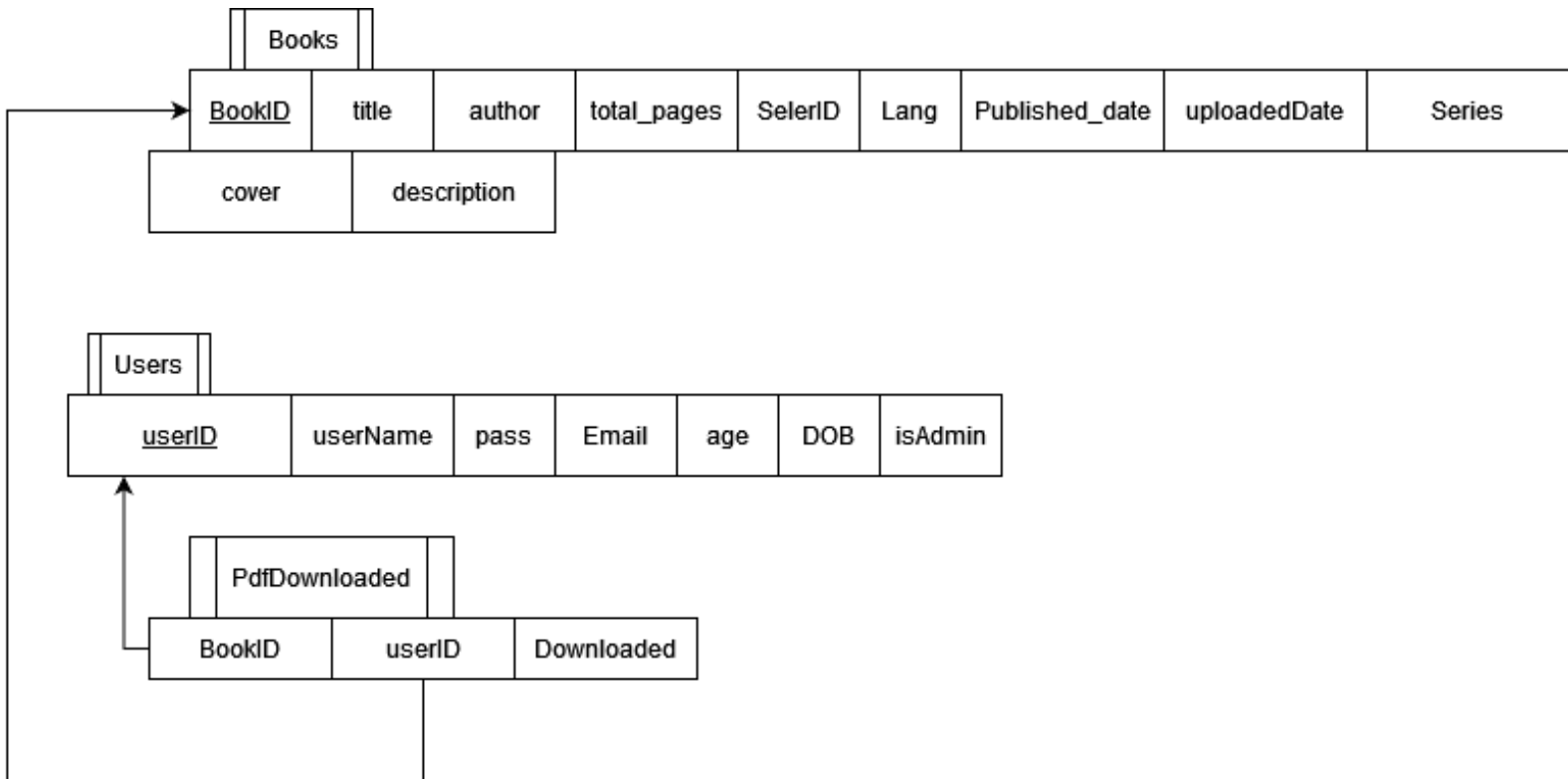I will first talk on the technologies I used and why I used them.
Of course this Project uses Asp.Net as its a main requirement, however I wanted to create a I used for the website templates BootStrapMade which used Bootstrap and JQuery to create beautiful Responsive Pages.
I used cypress to test out the pages End to End, meaning it will open the page and simulate user behavior, which was a big help in the project and I believe it was instrumental in helping me finish the project on time.
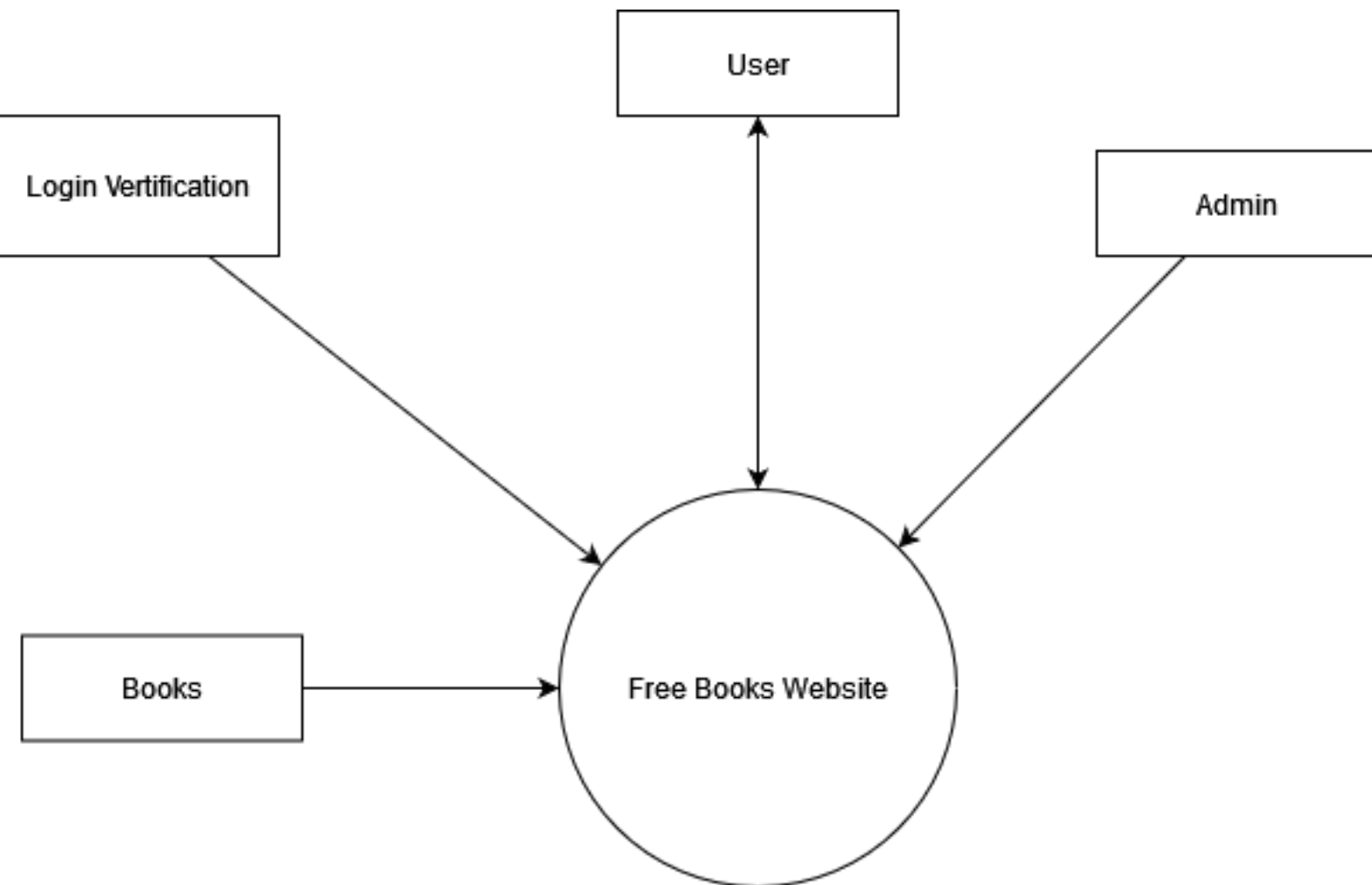I used JQuery and DataTables to create beautiful DataTables, and ease the load off the backend as ASP isnt the "latest" anything anymore.
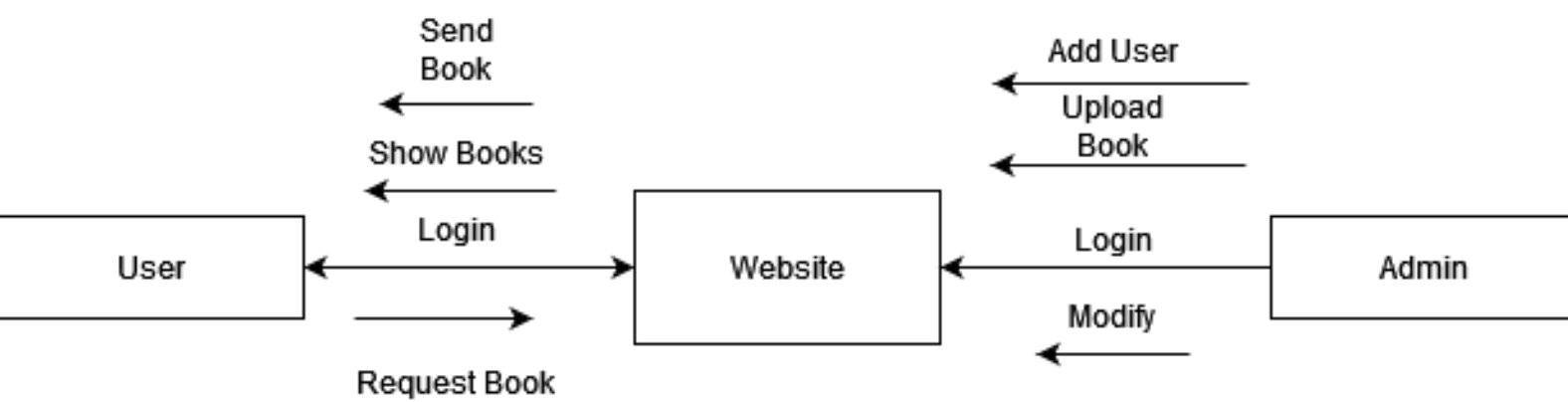
3 Diagrams

3.1 ERD

Books

BookID	title	author	total_pages	SelerID	Lang	Published_date	uploadedDate	Series

cover	description

Users

userID	userName	pass	Email	age	DOB	isAdmin

PdfDownloaded

BookID	userID	Downloaded

3.2 Context

User

Login Vertification

Admin

Books

Free Books Website

3.3 Collabroation

Send Book

Add User

Upload Book

Show Books

Login

Login

User

Website

Admin

Modify

Request Book

3

3.4   DFD

3.5   Pert

3.6   Gant

1	Get Templates, css and Jquery										
2	Create Master Page										
3	Create DataBase										
4	Implement Login										
5	Implement Register										
6	Use Cypress to test them										
7	Implement Books Display										
8	Implement Search										
9	Test Books and Search										
10	Implement Custom admin GridViews										
11	Create EditTemplate and Footer										
12	Test the admin dashboard										

3.7   Class

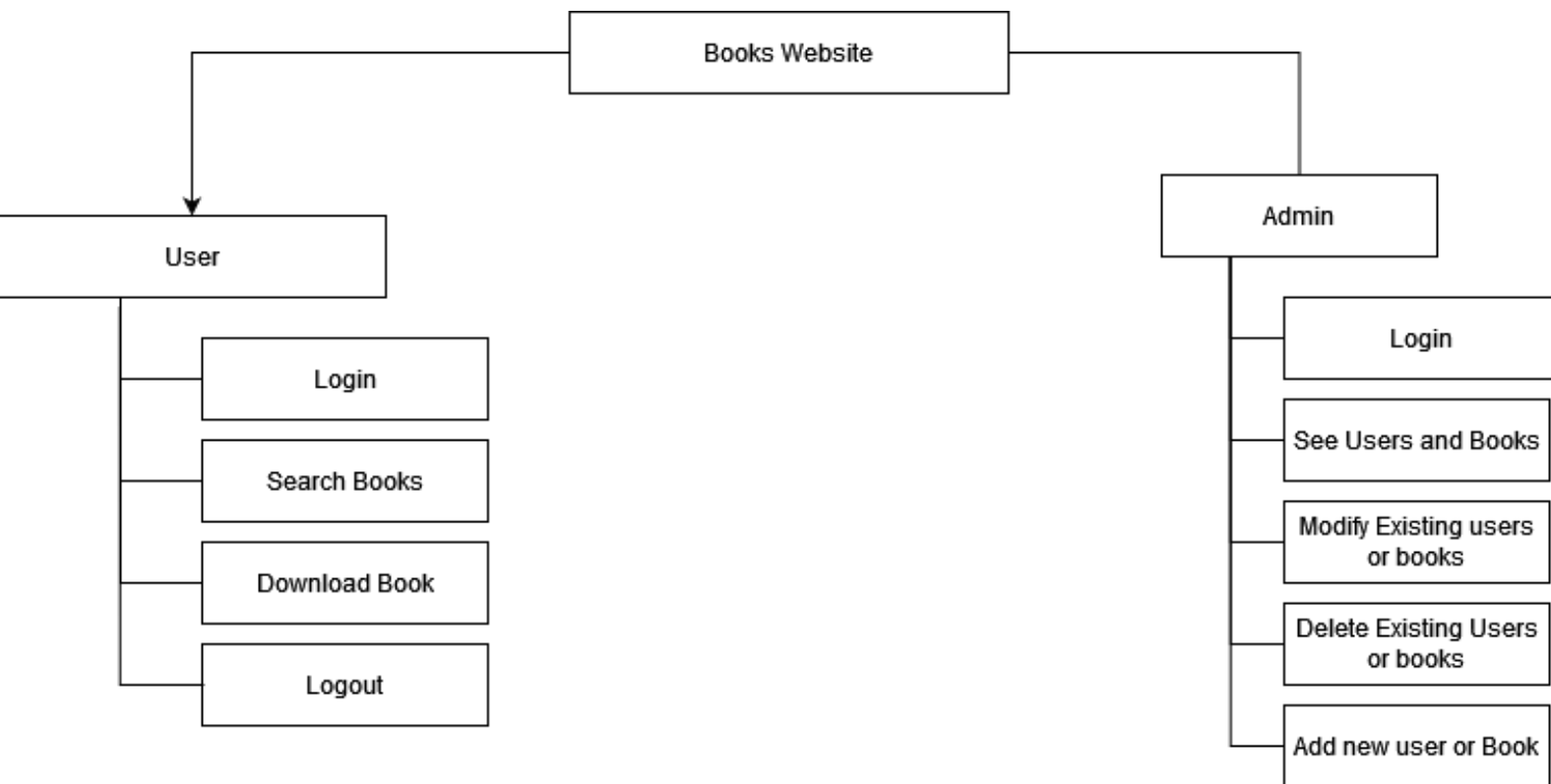### User

UserID: Int

UserName : String
Email: String
PassWord : String
UserType: Bool

Login(username,pass)

DownloadBook()
GetUser(userID)

PDFLogs
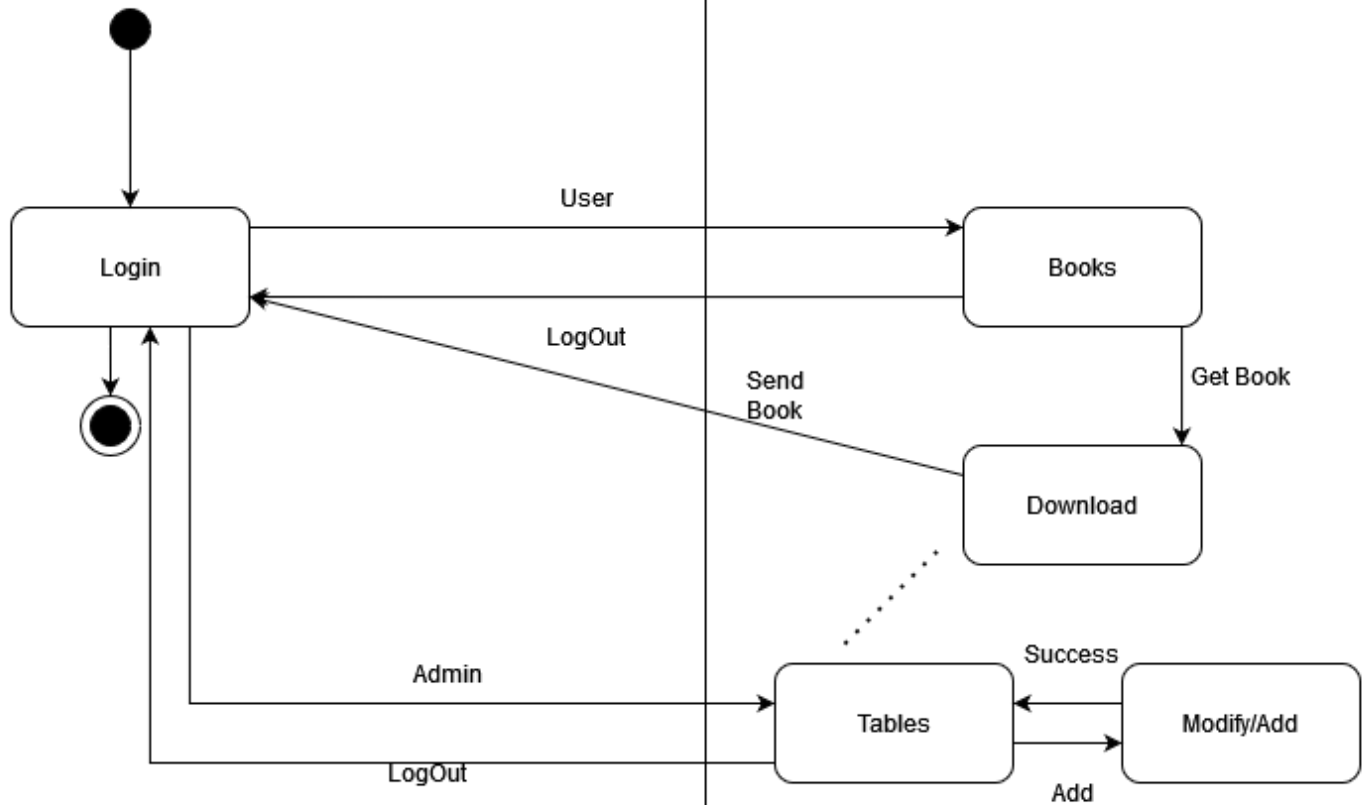
BookID : Int
userID : Int
Downloaded : Date

GetLogs()

getLogsByUserID(ID)

Book

BookID : Int
title : String
author : String
total_pages : int
SelerID : Int
publish_date : Date
uploadedDate : Date
series : String
Cover : String
description : String
isApproved : Int
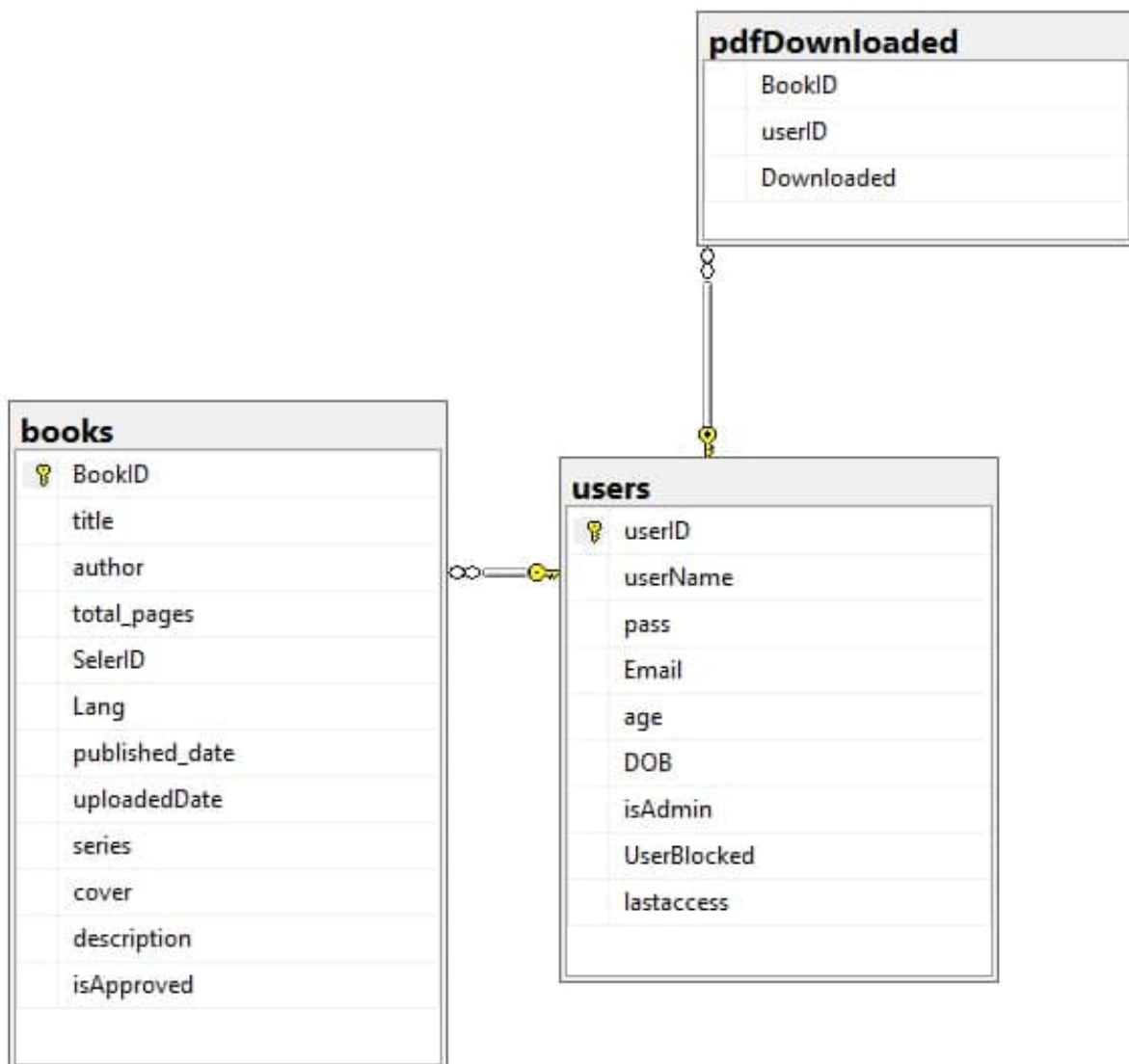

Upload Book()
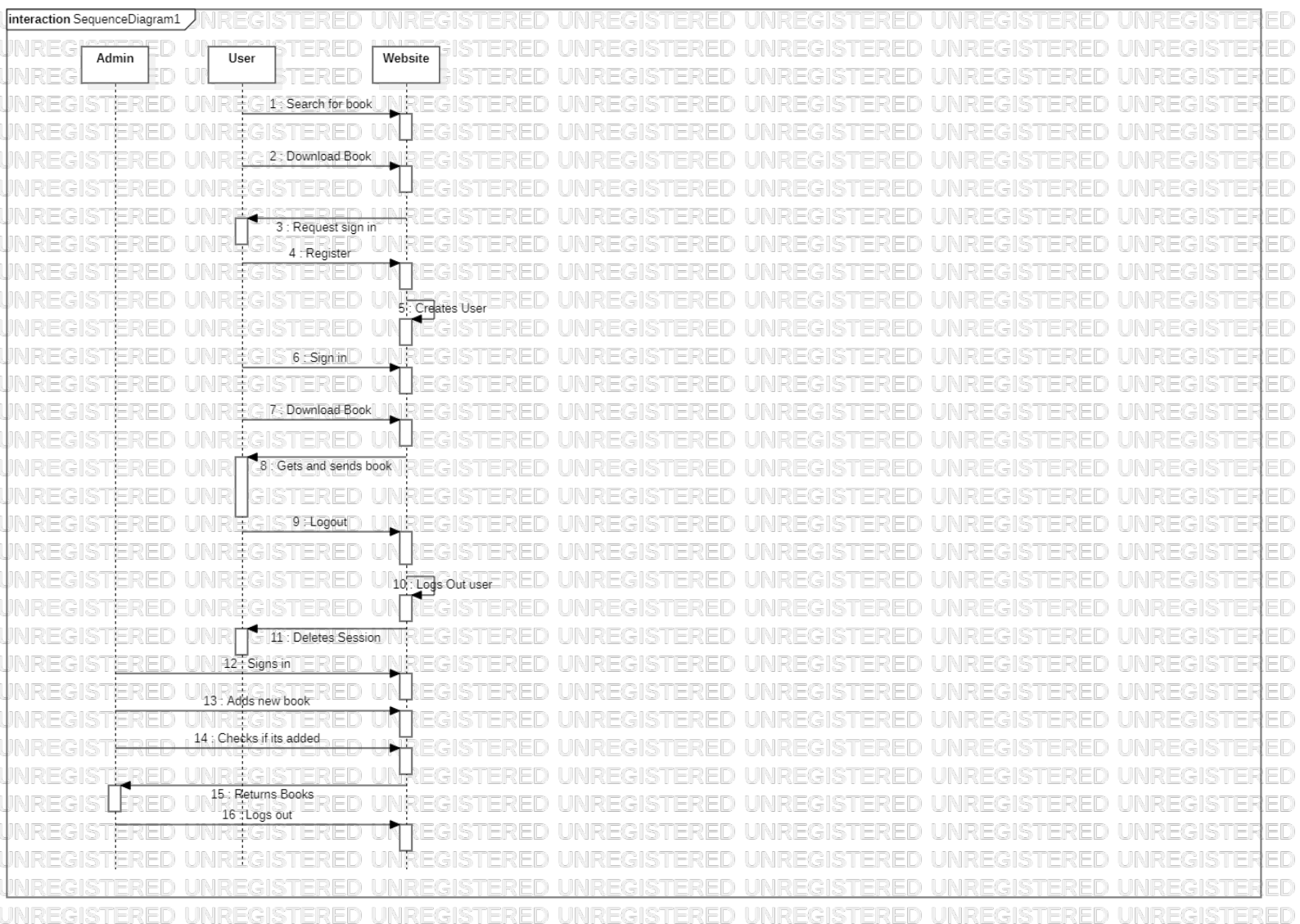GetBook(bookID)

3.8   Function

3.10 Schema

pdfDownloaded
- BookID
- userID
- Downloaded

books
- 🔑 BookID
- title
- author
- total_pages
- SelerID
- Lang
- published_date
- uploadedDate
- series
- cover
- description
- isApproved

users
- 🔑 userID
- userName
- pass
- Email
- age
- DOB
- isAdmin
- UserBlocked
- lastaccess

3.11 Sequence

3.12   Use Case