Jessica Hoffman

Assignment 2

Exercise 15 pg. 68

1. An Author writes one or many Books, but a Book has one and only one author. There is a 1:M relationship between Author and Book.

An Author signs one or many Contracts, but a Contract has one and only one Author. There is a 1:M relationship between Author and Contract.

A Publisher submits one or many Contracts, but a Contract has one and only one Publisher. There is a 1:M relationship between Publisher and Contract.

A Publisher publishes one or many Books, but a Book has one and only one Publisher. There is a 1:M relationship between Publisher and Book.

1. Visio

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1. Tables

Publisher Author

|  |  |
| --- | --- |
| **AuthorID\*** | **AuthorName** |
| 1 | Barker |
| 2 | Guan |
| 3 | Wright |

|  |  |
| --- | --- |
| **PublisherID\*** | **PublisherName** |
| 1 | Wiley |
| 2 | Pearson |
| 3 | Cengage |

Contract

|  |  |  |
| --- | --- | --- |
| **PublisherID(FK)** | **AuthorID(FK)** | **ContractNum** |
| 1 | 1 | 1324324 |
| 1 | 2 | 2123123 |
| 2 | 2 | 3534535 |
| 2 | 3 | 4464564 |
| 3 | 3 | 5567567 |

|  |  |  |
| --- | --- | --- |
| **PublisherID(FK)** | **AuthorID(FK)** | **BookName** |
| 1 | 1 | Book1 |
| 2 | 1 | Book2 |
| 2 | 2 | Book3 |
| 3 | 3 | Book4 |
| 3 | 3 | Book5 |

Book