Quang Tran

CIS 310-02

Prof. Guan

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Assignment 2, Ex. 15 pg. 68

1. The business rules of the entity-relationship diagram are:
   1. A publisher can publish one or many books, and a book must be published by one and only one publisher.
   2. An author can write one or many books, and a book must be written by one and only one author.
   3. An author can sign one or many contracts, and a contract must sign one and only one author.
   4. A publisher can submit one or many contracts, and a contract must be submitted by one and only one publisher.

3.

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| **Publisher ID** | **Publisher Name** |
| P0001 | Cardinal University Press |
| P0002 | Louisville Local Publishers |

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| --- | --- | --- | --- |
| **Book ID** | **Book Name** | **Publisher ID** | **Author ID** |
| B0001 | College Survival Guide | P0001 | A0001 |
| B0002 | How to Get Rid of Debt | P0001 | A0001 |
| B0003 | Louisville Tourist Things | P0002 | A0002 |

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| **Author ID** | **Author Name** |
| A0001 | Louis the 16th |
| A0002 | George Rogers Clark |

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| **Contract ID** | **Publisher ID** | **Author ID** |
| C0001 | P0001 | A0001 |
| C0002 | P0002 | A0001 |
| C0003 | P0001 | A0002 |
| C0004 | P0002 | A0002 |