

Nicole Smith
CIS 310-01
A2

1. Business Rules

- a. A publisher may publish at least one or many books.
- b. A book may have one and only one publisher.
- c. A book may have one and only one author.
- d. An author may write at least one or many books.
- e. An author may sign at least one or many contracts.
- f. A contract may be signed by one and only one author.
- g. A publisher may submit at least one or many contracts.
- h. A contract may be submitted by one and only one publisher.

3.

PUBLISHER Table

<u>PUB_ID</u>	CONTRACT_ID	BOOK_ID	AGENT
1	12	6	GUAN
2	11	4	BARKER
3	10	5	WRIGHT

BOOK Table

<u>BOOK_ID</u>	PUB_ID	AUTHOR_ID	TITLE
4	2	7	DATABASE
5	3	9	C#
6	1	8	INFRASTRUCTURE

AUTHOR Table

<u>AUTHOR_ID</u>	BOOK_ID	CONTRACT_ID	ADDRESS
7	4	11	123 MAIN ST
8	6	12	456 MAIN ST
9	5	10	789 MAIN ST

CONTRACT Table

<u>CONTRACT_ID</u>	AUTHOR_ID	PUBLISHER_ID	CONTRACT_DATE
10	9	3	01/01/2014
11	7	2	05/06/2001
12	8	1	04/19/2007