Table

Description automatically generated

USER can have many ROLEs

A ROLE can have many PERMISSIONs

A screenshot of a computer

Description automatically generated with medium confidence

Diagram

Description automatically generated

a PUBLISHER sells many BOOKs

many BOOKs are sold by a PUBLISHER

an AUTHOR writes many BOOKs

a BOOK is written by many AUTHORs

Text

Description automatically generated

|  |  |  |  |
| --- | --- | --- | --- |
| publisher\_name | publisher\_code | publisher\_address | book\_isbn |
| Picador | 12345 | 16365 James Madison Highway Gordonsville, VA 22942 | 9780544003415 |

|  |  |  |
| --- | --- | --- |
| book\_isbn | book\_name | book\_price |
| 9780544003415 | The Lord of the Rings | 24.99 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| book\_isbn | author\_last\_name | author\_first\_name | author\_phone | author\_email |
| 9780544003415 | Tolkien | J.R.R. | 78910111213 | tolkien@email.com |