DBMS

ER Diagram

A diagram of a flowchart

Description automatically generated

Tables in normalized form

**Customer**

|  |  |  |
| --- | --- | --- |
| customer\_id | name | email |
|  |  |  |

**Address**

|  |  |  |
| --- | --- | --- |
| address\_id | address | **customer-id** |
|  |  |  |

**Orders**

|  |  |  |  |
| --- | --- | --- | --- |
| order\_id | order\_date | quantity | **customer\_id** |
|  |  |  |  |

**Books**

|  |  |  |  |
| --- | --- | --- | --- |
| book\_id | book\_title | price | **publisher\_id** |
|  |  |  |  |

**Publisher**

|  |  |
| --- | --- |
| publisher\_id | publisher\_name |
|  |  |

**Author**

|  |  |
| --- | --- |
| author\_id | author\_name |
|  |  |

**WriteRel**

|  |  |  |
| --- | --- | --- |
| write\_id | **book\_id** | **author\_id** |
|  |  |  |

**ContainsRel**

|  |  |  |
| --- | --- | --- |
| contain\_id | **order\_id** | **book\_id** |
|  |  |  |