**PYBOOKCO**

**NORMALIZED ORD:**

**Diagram

Description automatically generated**

**NOSQL DOCUMENT DIAGRAM:**

**Diagram

Description automatically generated**

**NOSQL DATA STRUCTURE:**

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“publisher\_code”: 123,

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“publisher\_address”: “1212 Fake Street”,

“book”: [

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“publisher\_code”: 123,

“book\_name:” “Made Up Story”,

“book\_price:” “$15.99”,

“author”: [

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“author\_id”: 1010,

“book\_isbn”: 555,

“author\_first\_name”: “jane”,

“author\_last\_name”: “doe”,

“author\_phone”: “555-555-5555”,

“author\_email:” “j.doe@email.com”

}

]

}

]

}

}

**BUSINESS RULES:**

A PUBLSIHER can have many BOOK(s)

A BOOK can have one PUBLISHER

A BOOK can have multiple AUTHOR(s)

AN AUTHOR can have multiple BOOK(s)