Project: Database Driven Application

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Topic:
Library Database

Overview:
This database stores books and authors. User can browse and manage information of book and author.

Candidate Tables:
Book, Author, Book_Author, Category, Publisher

Business rule

001 – Relationship between author and book

Date Discovered: May 22, 2020

Description: Each book can have one or more authors and an author can write one or more books.

Category: Structural Fact

Type: Static

002 – Search book

Date Discovered: May 22, 2020

Description: A user can search books by keywords such as title, author, Category, released date, publisher. If the user selects more than one search option, the result that satisfied all criteria.

Category: Structural Fact

Type: Dynamic

003 – Book Category

Date Discovered: May 22, 2020

Description: Each book belongs to a category (e.g. Fiction, History, Novel). Several books can be in one category.

Category: Structural Fact

Type: Static

004 – Publisher

Date Discovered: May 22, 2020

Description: Publisher can publish many books and each book is published by one publisher.

Category: Structural Fact

Type: Static