

8.10.2021

1 author: {author_id: int (PK), author_name: varchar}

2 book: {isbn: varchar (PK), book_title: varchar, publishinghouse_id: int (FK)}

3 book_author: {isbn: varchar (PK, FK), author_id (PK, FK)}

4 article: {article_id: int (PK), article_title: varchar}

5 article_author: {article_id: int (PK, FK), author_id: int (PK, FK)}

6 publishinghouse: {publishinghouse_id (PK), publishinghouse_name}

7 journal: {journal_id: int (PK), journal_name: varchar, issues_per_year: int}

8 publishinghouse_id: int (FK), shelf_id: int (FK)

9 subjectArea: {subjectArea_id: int (PK), subjectArea_name: varchar}

10 book_subjectArea: {isbn: varchar (PK, FK)}, subjectArea_id (PK, FK)

11 journal_subjectArea: {journal_id: int (PK, FK), subjectArea_id: int (PK, FK)}

12 publishedIssue: {issue_id: int (PK), issue_year: int, issue_nr: int, issue_date: date, journal_id: int (FK)}

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13 physicalBook: {physicalBook_id: int (PK), isbn: varchar (FK), shelf_id: int (FK)}

14 shelf: {shelf_id: int, shelf_location: varchar, subjectArea_id: int (FK)}

15 book_keyword_relevance: {isbn: varchar (PK, FK), keyword_id: int (PK, FK), relevance: int}

16 article_keyword_relevance: {article_id: int (PK, FK), keyword_id: int (PK, FK)}

17 keyword: {keyword_id: int (PK), keyword: varchar}

18 keyword_synonym: {keyword_id: int (PK, FK), synonym_id: int (PK, FK)}

- 18 reservation: {reservation_id: int (Pk), reservation_date: date,
physicalBook_id: int (Fk), customer_id: int (Fk),
loan_id: int (Fk)}
- 19 loan: {loan_id: int (Pk), loan_date: date, physicalBook_id (Fk),
customer_id: int (Fk), responsible_for_loan: int (Fk),
responsible_for_return: int (Fk)}
- 20 customer: {customer_id: int (Pk), customer_name: varchar}
- 21 employee: {employee_id: int (Pk), employee_name: varchar}