

8.10.2021



author: {author_id: int (Pk), author_name: varChar}

book: {isbn: varChar (Pk), book_title: varChar, publishinghouse_id: int (Fk)}

book-author: {isbn: varChar (Pk, Fk), author_id (Pk, Fk)}

article: {article_id: int (Pk), article_title: varChar, issue_id: int (Fk)}

article-author: {article_id: int (Pk, Fk), author_id: int (Pk, Fk)}

publishinghouse: {publishinghouse_id (Pk), publishinghouse_name: varChar}

journal: {journal_id: int (Pk), journal_name: varChar, issues_per_year: int,
publishinghouse_id: int (Fk), shelf_id: int (Fk)}

subjectArea: {subjectArea_id: int (Pk), subjectArea_name: varChar}

book-subjectArea: {isbn: varChar (Pk, Fk)}, subjectArea_id (Pk, Fk)}

journal-subjectArea: {journal_id: int (Pk, Fk), subjectArea_id: int (Pk, Fk)}

publishedIssue: {issue_id: int (Pk), ^{eindeutig} issue_year: int, issue_nr: int,
issue_date: date, journal_id: int (Fk)}

physicalBook: {physicalBook_id: int (Pk), isbn: varChar (Fk), shelf_id: int (Fk)}

shelf: {shelf_id: int (Pk), shelf_location: varChar, subjectArea_id: int (Fk)}

book-keyword-relevance: {isbn: varChar (Pk, Fk), keyword_id: int (Pk, Fk),
relevance: int}

article-keyword-relevance: {article_id: int (Pk, Fk), keyword_id: int (Pk, Fk),
relevance: int}

keyword: {keyword_id: int (Pk), keyword: varChar}

keyword-synonym: {keyword_id: int (Pk, Fk), synonym_id: int (Pk, Fk)}

reservation: { reservation_id: int (Pk), reservation_date: date,
physicalBook_id: int (Fk), customer_id: int (Fk),
loan_id: int (Fk) }

loan: { loan_id: int (Pk), loan_date: date, physicalBook_id: int (Fk),
customer_id: int (Fk), responsible_for_loan: int (Fk),
responsible_for_return: int (Fk) }

customer: { customer_id: int (Pk), customer_name: varChar }
employee: { employee_id: int (Pk), employee_name: varChar }