* BOOK:
  + BOOK\_ID
  + BOOK\_NAME
  + SUPPLIER\_ID
  + CATEGORY\_ID
  + AUTHOR\_ID
  + OLD\_AMOUNT
  + NEW\_AMOUNT
  + IMAGE
  + PAGE\_NUMBER
  + DESCRIPTION
  + COST\_PRICE
  + RETAIL\_PRICE
  + DISCOUNT
  + RANKING
  + DELETE\_AT
  + NOTE
* CATEGORY
  + CATEGORY\_ID
  + CATEGORY\_NAME
  + DESCRIPTION
  + NOTE
  + DELETE\_AT
* SUPPLIER
  + SUPPLIER\_ID
  + CONTACT\_NAME
  + ADDRESS
  + PHONE
  + EMAIL
  + NOTE
  + DELETE\_AT
* AUTHOR:
  + AUTHOR\_ID
  + AUTHOR\_NAME
  + DELETE\_AT
* CUSTOMER:
  + CUSTOMER\_ID
  + IDENTITY\_ID
  + ACCOUNT\_ID
  + STUDENT\_CODE
  + LAST\_NAME
  + FIRST\_NAME
  + EMAIL
  + PHONE
  + BIRTH\_DATE
  + ADDRESS
  + GENDER
  + NOTE
  + DELETE\_AT
* CONVERSATION:
  + CONVERSATION\_ID
  + ACCOUNT\_ID(CUSTOMER)
  + CREATE\_AT
  + UPDATED\_AT
  + LAST\_MASSAGE
  + IS\_READ
* MESSAGE
  + MASSAGE\_ID
  + CONVERSATION\_ID
  + CONTENT
  + CREATE\_AT
  + DELETE\_AT
  + ACCOUNT\_ID
* EMPLOYEE
  + EMPLOYEE\_ID
  + IDENTITY\_ID
  + ACCOUNT\_ID
  + LAST\_NAME
  + FIRST\_NAME
  + PHONE
  + EMAIL
  + BIRTH\_DATE
  + HIRE\_DATE
  + ADDRESS
  + GENDER
  + IMAGE
  + BASIC\_RATE
  + NOTE
  + DELETE\_AT
* SCHEDULUE:
  + SCHEDULUE\_ID
  + EMPLOYEE\_ID
  + DATE
  + TIME\_FROM
  + TIME\_TO
  + ACTUAL\_HOURS
  + EXPECTED\_HOUR
  + SALARY
  + DELETE\_AT
  + NOTE
* ACCOUNT:
  + ACCOUNT\_ID
  + ROLE\_ID
  + ACCOUNT\_NAME
  + ACCOUNT\_PASSWORD
  + NOTE
  + DELETE\_AT
* ROLE
  + ROLE\_ID
  + ROLE\_NAME
  + NOTE
  + DELETE\_AT
* ORDER
  + ORDER\_ID
  + CUSTOMER\_ID
  + EMPLOYEE\_ID
  + ORDER\_DATE
  + TOTAL
  + TYPE(OFFLINE, ONLINE)
  + DELETE\_AT
  + CREATE\_AT
* ORDER\_DETAIL
  + ORDER\_ID
  + BOOK\_ID
  + RETAIL\_PRICE
  + QUANTITY
  + DISCOUNT
  + TOTAL
  + NOTE
  + DELETE\_AT
* BORROW\_TICKET
  + BORROW\_TICKET\_ID
  + CUSTOMER\_ID
  + EMPLOYEE\_ID
  + QUANTITY
  + BORROW\_DATE
  + APPOINTMENT\_DATE
  + RETURN\_DATE
  + STATUS
  + DELETE\_AT
  + NOTE
* BORROW\_TICKET\_DETAIL
  + BORROW\_TICKET\_ID
  + BOOK\_ID
  + DELETE\_AT
* STOCKTAKE\_TICKET
  + STOCKTAKE\_TICKET\_ID
  + EMPLOYEE\_ID
  + STOCKTAKE\_TYPE(ENUM : IN, OUT, CHECK)
  + BOOK\_TYPE(ENUM: Old-mượn, New-bán)
  + DATE
  + DELETE\_AT
  + DISPARITY\_VALUE
* STOCKTAKE\_TICKET\_DETAIL: **(TYPE==CHECK => IN/OUT\_QUANTITY = NEW\_QUANTITY-OLD\_QUANTITY) (TYPE==IN/OUT => NEW\_QUANTITY, OLD\_QUANTITY)**
  + STOCKAKE\_TICKET\_ID
  + BOOK\_ID
  + IN\_QUANTITY
  + OUT\_QUANTITY
  + NEW\_QUANTITY (IN: OLD\_QUANTITY + IN\_QUANTITY,OUT: OUT\_QUANTITY + OLD\_QUANTITY, CHECK: NEW\_QUANTITY )
  + OLD\_QUANTITY
  + DELETE\_AT
  + NOTE