**Functional Dependencies**

Table BOOK:  
F = {book\_id → (title, weight, lang, pages, publisher, publish\_year, translator)}  
  
  
Table CUSTOMER:  
F = {book\_id → (customer\_id, first\_name, last\_name , mobile, landline, date\_join)}

Table DELIVERY (Before 3NF)  
F = {del\_id → (tracking\_num, shipping\_price, address, del\_status, method, price, company, deal\_id), company → (method, shipping\_price) }

**(After 3NF – splitting DELIVERY to DELIVERY and SHIPPING\_METHOD)**Table DELIVERY :  
F = {del\_id → (tracking\_num, shipping\_price, address, del\_status, method\_id, price }  
  
Table SHIPPING\_METHOD  
F = {method\_id → (company, kg\_price) }  
**-- END OF 3NF CHANGES --**

Table INVENTORY  
F = {inv\_id → (tracking\_num, shipping\_price, address, del\_status, method, company, price,deal\_id)}

Table EMPLOYEE  
F = {emp\_id → (first\_name, last\_name, phone, address, password, is\_manager, date\_start, date\_end, wage)}  
  
EXPENSES  
F = {date → (rent, salaries, phone\_bill, landline\_bill, electricity, water, prop\_tax, il\_post, xpress) }  
  
ORDERS   
F = {order\_id → (date\_order, customer\_id, book\_id, order\_status, date\_change\_status) }  
  
  
DELIVERY\_BOOK  
F = {(del\_id, book\_id) → del\_id, book\_id }  
  
  
AUTHOR  
F = {(first\_name, last\_name, book\_id) → first\_name, last\_name, book\_id }  
  
  
WORKING\_HOURS  
F = {(date, emp\_id, total\_hours) → date, emp\_id, total\_hours }