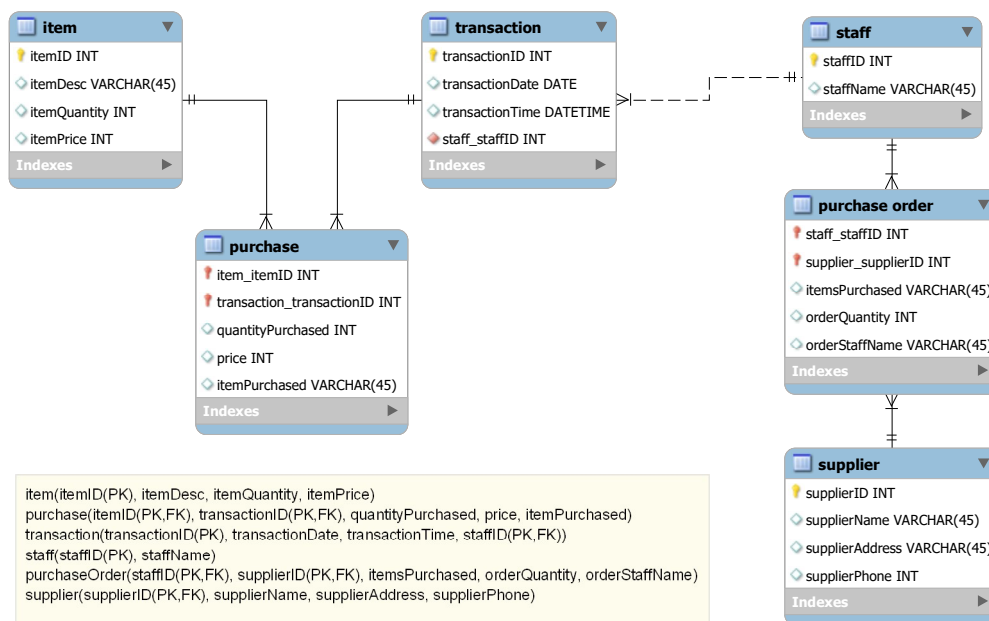


member(memberNo(PK), memberName, memberAddress, memberContact, memberDOB)  
 loan(memberNo(PK,FK), ISBN(PK,FK), dueBackDate)  
 book(ISBN(PK), bookTitle, prtDate, copies)  
 bookAuthor(ISBN(PK,FK), authorID(PK), authorName)

2nd NF: ⊆ author(authorID, author)  
 ⊆ bookAuthor(ISBN(PK,FK), authorID(PK,FK))

3rd NF: ⊆ publisher(publisherID(PK), publisherName)  
 ⊆ book(ISBN(PK), bookTitle, prtDate, copies, publisherID(FK))



item(itemID(PK), itemDesc, itemQuantity, itemPrice)  
 purchase(itemID(PK,FK), transactionID(PK,FK), quantityPurchased, price, itemPurchased)  
 transaction(transactionID(PK), transactionDate, transactionTime, staffID(PK,FK))  
 staff(staffID(PK), staffName)  
 purchaseOrder(staffID(PK,FK), supplierID(PK,FK), itemsPurchased, orderQuantity, orderStaffName)  
 supplier(supplierID(PK,FK), supplierName, supplierAddress, supplierPhone)

Normalisation:  
 1st:  
 2nd:  
 3rd: staff(staffID(PK, staffName)  
 transaction(transactionID(PK), transactionDate, transactionTime, staffIDFK))

