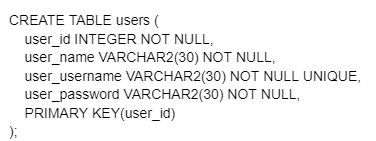
Assignment 6: Functional Dependencies of Primary Keys



**user**(user\_id, user\_name, user\_username, user\_passsword)

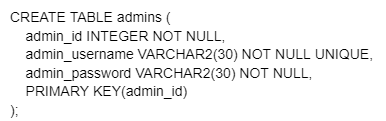
FD of user\_id = {

user\_id → user\_name,

user\_id → user\_username,

user\_id → user\_password

}



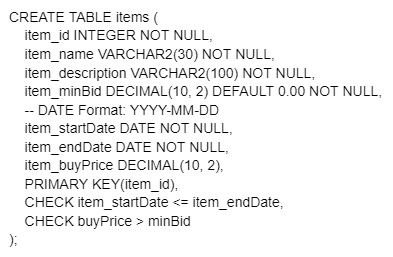
**admins**(admin\_id, admin\_username, admin\_password)

FD of admin\_id = {

admin\_id → admin\_username,

admin\_id → admin\_password

}



**items**(item\_id, item\_name, item\_description, item\_minBid, item\_startDate, item\_endDate, item\_buyPrice)

FD of item\_id = {

item\_id → item\_name,

item\_id → item\_description,

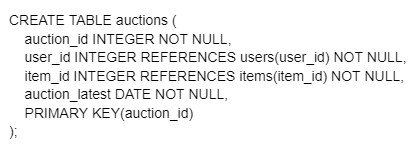
item\_id → item\_minBid,

item\_id → item\_buyPrice,

item\_id → item\_startDate,

item\_id → item\_endDate

}

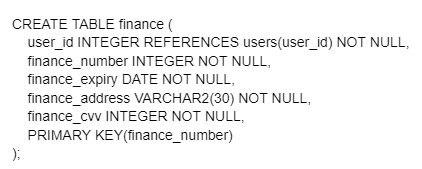


**auctions**(auction\_id, user\_id, item\_id, auction\_latest)

FD of auction\_id = {

auction\_id → auction\_latest

}



**finance**(finance\_number, user\_id finance\_expiry, finance\_address, finance\_cvv)

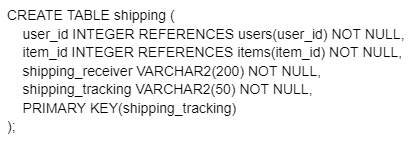
FD of finance\_number = {

finance\_number → finance\_expiry,

finance\_number → finance\_address,

finance\_number → finance\_cvv

}

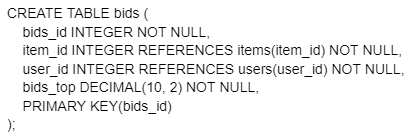


**shipping**(user\_id, shipping\_receiver, shipping\_tracking)

FD of shipping\_tracking = {

shipping\_tracking → shipping\_receiver

}

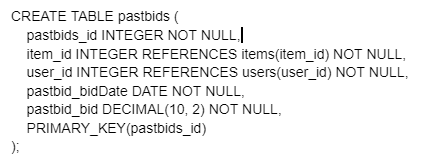


**bids**(bid\_id, item\_id, user\_id, bids\_top)

FD of bid\_id = {

bids\_id → bids\_top

}

****

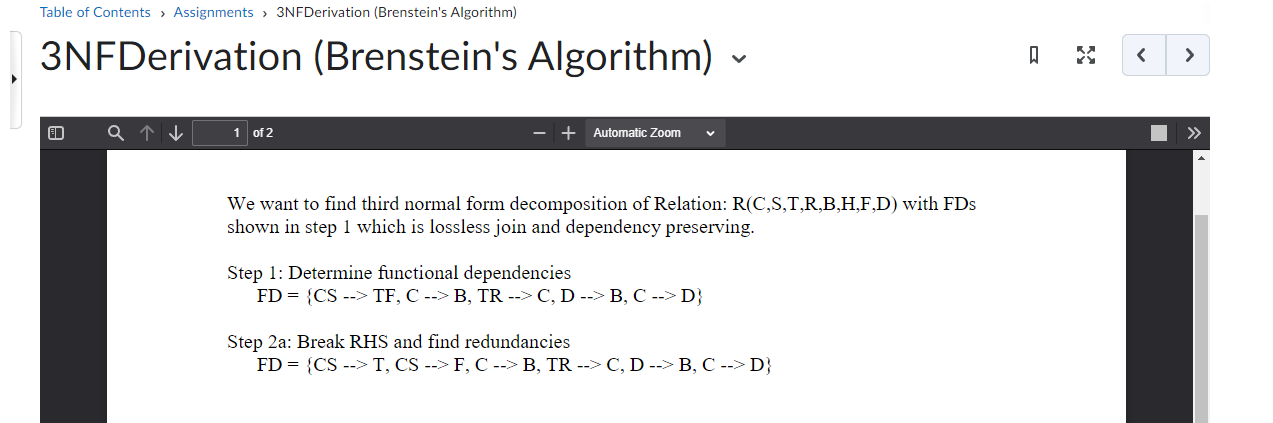
**pastbids**(pastbids\_id, item\_id, user\_id, pastbid\_bidDate, pastbid\_bid)

FD of pastbids\_id = {

pastbids\_id → pastbid\_bidDate,

pastbids\_id → pastbid\_bid,

}



*Referencing this document for the set notation format*