

## FUNCTIONAL DEPENDENCY:

USER :

User Id  $\rightarrow$  {Email, fname, mname, lname, size, DOB}  
Email  $\rightarrow$  {User Id, fname, mname, lname, size, DOB}

SELLER :

Seller ID  $\rightarrow$  Email, fname, mname, lname, size, DOB  
{DOB, Email}  $\rightarrow$  {Seller ID, fname, mname, lname, size}

BUYER: Buyer ID  $\rightarrow$  {Email, fname, mname, lname, size, DOB}

Email  $\rightarrow$  {Buyer ID, fname, mname, lname, size, DOB}

REVIEWS: Review ID  $\rightarrow$  {Rating, comments, SKU, Seller ID}  
{Seller ID, SKU}  $\rightarrow$  {Review ID, Rating, comments}

SHOES: SKU  $\rightarrow$  {colour, Year of Manufacture, price, model name}

STOCK AVAILABILITY: SKU  $\rightarrow$  {size, qty}

ORDERS: order Id  $\rightarrow$  {qty, price, size, sku}

SKU  $\rightarrow$  {order Id, qty, price, size}

PLACES: order Id  $\rightarrow$  {Buyer ID}

Buyer Id  $\rightarrow$  {order Id}

UPDATES: order Id  $\rightarrow$  {stock\_sku}

stock\_sku  $\rightarrow$  {order Id}



VIEWS :  $USER\_ID \rightarrow \{shoesku\}$   
 $shoesku \rightarrow \{USERID\}$

ADDS :  $BuyerId \rightarrow \{ReviewID\}$   
 $ReviewId \rightarrow \{BuyerID\}$

ACCESS :  $SHOE\_SKU \rightarrow \{STOCK\_SKU\}$   
 $STOCK\_SKU \rightarrow \{SHOE\_SKU\}$