

**Marco Pigna**  
**Juan Wiguna**  
**Mahek Patel**

**Users**(  
    UserID (PK))

**Customer\_Representatives**(  
    UserID (PK) (FK references Users),  
    CRID (PK),  
    Name,  
    Modify\_info)

**End\_User**(  
    End\_User\_ID (PK),  
    UserID (PK) (FK references Users),  
    User\_email,  
    Password)

**Administrative\_Staff\_Member**(  
    Admin\_ID (PK),  
    UserID (PK) (FK references Users),  
    Admin\_name)

**Answer**(  
    CRID (FK references Customer\_Representatives),  
    QID (PK) (FK references Questions))

**Ask**(  
    End\_User\_ID (FK references End\_User),  
    QID (PK) (FK references Questions))

**Puts**(  
    Alert\_ID (PK) (FK references Alerts),  
    End\_User\_ID (FK references End\_User))

**Places**(  
    Bid\_ID (PK) (FK references Bid),  
    Bidder\_ID (PK) (FK references Bid),  
    End\_User\_ID (FK references End\_User))

**Sells\_In**(  
End\_User\_ID (FK references End\_User),  
Auction\_ID (PK) (FK references Auction))

**Buys\_From**(  
End\_User\_ID (FK references End\_User),  
Auction\_ID (PK) (FK references Auction))

**Questions**(  
Answer,  
Question,  
UserID,  
QID (PK))

**Alerts**(  
Alert\_ID (PK),  
Item\_Description)

**Bid**(  
Bid\_ID (PK),  
Amount,  
Bidder\_ID (PK))

**Auction**(  
Start\_date\_and\_time,  
End\_date\_and\_time,  
Item\_ID,  
Auction ID (PK),  
Highest\_Bid,  
Seller\_ID,  
Buyer\_ID)

**For**(  
Alert\_ID (PK) (FK references Alerts),  
Manufacture\_ID (PK) (FK references Clothes))

**Applies\_To**(  
Bid\_ID (PK) (FK references Bid),  
Bidder\_ID (PK) (FK references Bid),  
Auction\_ID (FK references Auction))

**Clothes**(  
Manufacture\_ID (PK),  
Brand)

**Has(**

Manufacture\_ID (FK references Clothes),  
Auction\_ID (PK) (FK references Auction))

**Top(**

Type\_of\_Collar,  
Size,  
Sleeve Length,  
Manufacture\_ID (PK) (FK references Clothes),  
Brand (FK references Clothes))

**Bottoms(**

Type,  
Waist\_length,  
Rise type,  
Manufacture\_ID (PK) (FK references Clothes),  
Brand (FK references Clothes))

**Footwear(**

Type\_of\_footwear,  
Length,  
Lace\_Color,  
Manufacture\_ID (PK) (FK references Clothes),  
Brand (FK references Clothes))