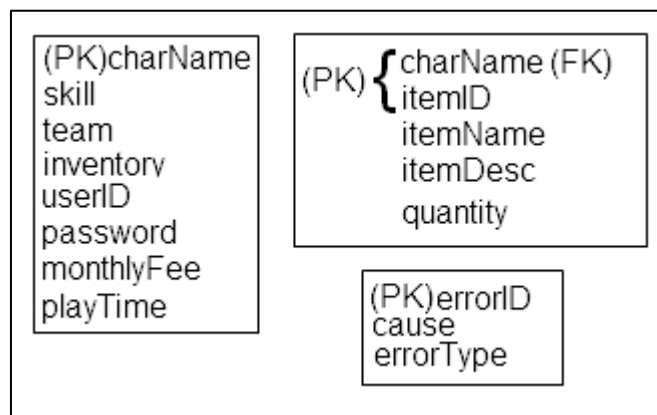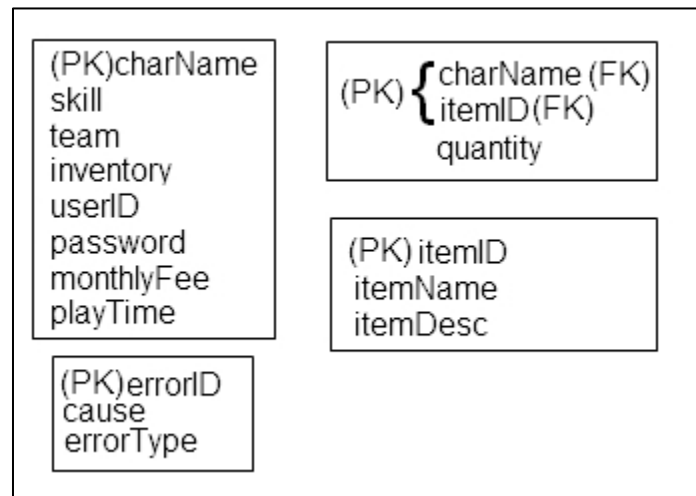# Normalisation

Zero Normal Form

```
(PK)charName
skill
team
quantity
inventory
itemID
itemName
itemDesc
errorID
cause
userID
password
monthlyFee
playTime
errorType
```

First Normal Form

```
(PK)charName          (PK){ charName (FK)
skill                       itemID
team                        itemName
inventory                   itemDesc
userID                      quantity
password
monthlyFee            (PK)errorID
playTime              cause
                      errorType
```

Second Normal Form

```
(PK)charName            (PK) { charName (FK)
skill                         { itemID(FK)
team                          quantity
inventory
userID
password                (PK) itemID
monthlyFee                   itemName
playTime                     itemDesc

(PK)errorID
cause
errorType
```

Third Normal Form

```
(PK)charName            (PK) { charName (FK)
skill                         { itemID(FK)
team                          quantity
inventory

(PK) userID             (PK) itemID
password                     itemName
monthlyFee                   itemDesc
playTime
charName (FK)

(PK) errorID
cause
errorType
```