**Relational Model**

Conversion from E-R to Relational:

**PK** **FK PK&FK**

**USERS** (**userID(PK)**, **regionID (FK)**, userType, userName, password, email, registerDate, unsubscribeDate)

**PROVINCES** (**provinceID(PK)**, **regionID (FK)**, name)

**REGIONS** (**regionID(PK)**, name)

**EVENTS** (**eventID(PK)**, name, description, date, place)

**GENRES** (**genreID(PK)**, name)

**CONDITIONS** (**conditionID(PK)**, name)

**ITEMS** (**itemID(PK),** **userID(FK)**, **bidID(FK),** itemType, title, artist, releaseYear, **genreID(FK)**, **conditionID(FK)**, image, avaliable)  
**BIDS** (**bidID(PK), itemID(FK),**  startPrice, duration, startDate, finishDate)

**WARNINGS** (**warningID(PK)**, description)

**EVALUATIONS** (**evaluationID(PK)**, itemAsDescribed, comunication)

**SWAPS** (**swapID(PK)**, startDate, finishDate, succes)

**DIRECT\_MESSAGES** (**messageID(PK)**, **swapID(FK)**, date, content)

**EVENTS\_ASSISTANCE** (**userID(PK&FK)**, **eventID(PK&FK)**)

**BIDS\_PARTICIPATION** (**userID(PK&FK)**, **bidID(PK&FK)**, offered money)

**WARNING\_USERS** (**warningID(PK&FK)**, **userID(PK&FK)**)

**FRIENDS** (**userID(PK&FK)**, **friendID(PK&FK)**)

**APPLICATIONS** (**userID(PK&FK)**, **swapID (PK&FK)**, **itemID (FK)**)