Datarunner's ER Diagram

Christian | September 29, 2021

Sold Items
- ItemSoldID(PK)
- ItemID(FK)
- TrainerID(FK)

(R) (1,1)
(0,N)
(0,N)

Trainers
- TrainerID(PK)
- TrainerName
- TrainerHometown
- TrainerAge
- isActive

(D) (1,1) For all of these
(D) (1,1)
(1,N)

Pokemon
- PokemonID(PK)
- PokemonLevel
- TrainerID(FK)
- SpeciesName(FK)

(R) (1,1)
(0,N)

Pokemon Species
- Species Name (PK)

(R) (1,1)
(R) (1,1)

Pokemon Species Types
- SpeciesName(FK/CPK)
- TypeID(FK/CPK)

(0,N)
(1,2)
*See biz rule #2

Challenges
- ChallengeID(PK)
- ChallengeDate
- ChallengeProgressMade
- TrainerID(FK)

(R) (1,1)
(0,N)

Pokemon Participants
- ChallengeID(FK/CPK)
- PokemonID(FK/CPK)

(1,6)
*See biz rule #1
(0,N)

Pokemon Types
- TypeName(PK)

(R) (1,1)

EliteFour
- TrainerID(FK/PK)
- Elite4Position
- TypeSpecialty

(0,1)

Hall of Fame
- HallofFameID(PK)
- TrainerID(PK)
- InductionDate

(0,N)

Items Used
- ItemSoldID(FK/CPK)
- ChallengeID(FK/CPK)

(0,N)
(0,N)

Items
- ItemID(PK)
- ItemName
- ItemDescription
- ItemStock
- ItemCost
- isActiveItem

(D) (1,1)