

Ferris Hussein

Part 3

PK denotes primary key

FK denotes foreign key

bar

PK: name

barfood

PK: name

beer

PK: name

bills

PK: bills_id

FK:

bills_day_fk references day table

billsbar_fk references bar table

billsdrinker_fk references drinker table

day

PK: name

drinker

PK: name

frequents

PK: bar + drinker

FK:

frequentsbar_fk references bar table

frequentsdrinker_fk references drinker table

item (merged barfood and beer items)

PK: itemname

likes

PK: drinker + bar

FK:

likesbeer_fk references beer table

likesdrinker_fk reference drinker table

operates

FK:

operates_day_fk references day table

operatesbar_fk references bar table

sells

PK: barname + itemname

FK:

Sells_bar_fk references bar table

sellsbeer

PK: barname + beername

FK:

sellsbeer_barname_fk references bar table

sellsbeer_beername_fk references beer table

sellsfood

PK: barname + foodname

FK:

sellsfood_bar_fk references bar table

sellsfood_barfood_fk references barfood table

transactions

FK:

trans_billid_fk references bills table

trans_item_fk references item table