

YFTS: TABLE STRUCTURE

user

UID (num(p)) (PK)

~NULL username (varchar2(20))

~NULL password (varchar2(20))

~NULL Email (varchar2(50))

~NULL Activated (char(1))

Lastname (varchar2(30))

Firstname (varchar2(30))

~NULL Balance (num(p))

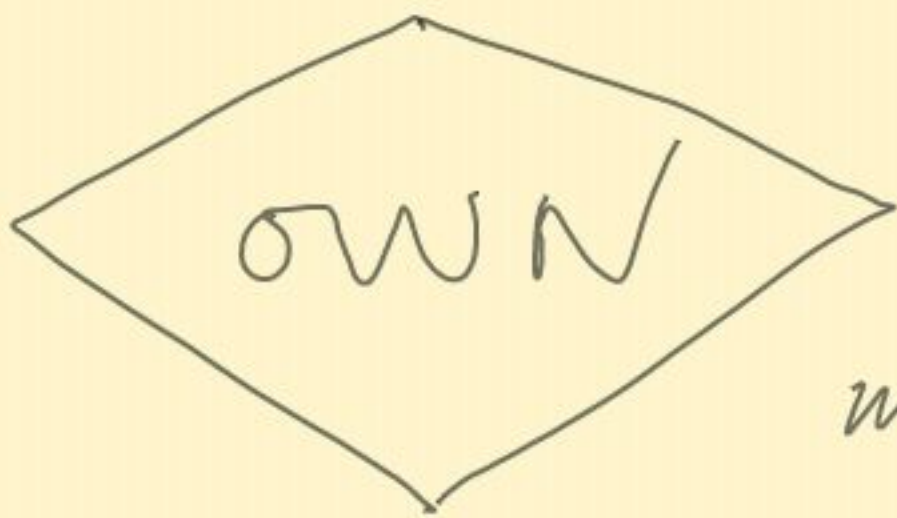
~NULL Authority (varchar2(20))

STOCK

SID (numeric(9)) (PK)

7 NULL SYMBOL (varchar2(10))

7 NULL STOCKNAME (varchar2(30))



many to many

UID (FK)
ref to USER

SID (FK)
ref to STOCK

7 NULL Quantity (num)

check (≥ 0)

7 NULL OwnershipId (PK)
(number)

TRANSACTION

TID (num(p)) (PK)

UID (FK)
ref to USER.

SID (FK)
ref to STOCK

→ NULL Amount (num(p))
Check (≥ 0)

→ NULL UniPrice (num(p))
Check (≥ 0)

TTIME DATE

check (\leq CURRENT
TIME)

Front End Pages

Homepage

User

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- L Portfolio
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- L Transaction
- L History

Admin

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- L Commit Transaction