

CS4400 Project Phase 2 Relational Schema

Team 60

user

uname, address, birthdate, fname, lname

customer

uname [fk1], rating, credit

fk1: uname -> user(uname)

employee

uname [fk2], taxID, salary, service

fk2: uname -> user(uname)

drone_pilot

uname [fk3], licenseID, experience

fk3: (uname) -> employee(uname)

store_worker

uname [fk4]

fk4: (uname) -> employee(uname)

store

storeID, mgrUname [fk5], sname, revenue

fk5: mgrUname -> store_worker(uname)

drone

droneTag, storeID [fk7], controllerUname [fk8], capacity, rem_trips

fk7: storeID -> store(storeID)

fk8: controllerUname -> drone_pilot(uname)

product

barcode, pname, weight

order

orderID, customerUname [fk6], (droneTag,storeID) [fk9], sold_on

fk6: customerUname -> customer(uname)

fk9: (droneTag,storeID) -> drone(droneTag,storeID)

employ

storeID [fk10], workerUname [fk11]

fk10: storeID -> store(storeID)

fk11: workerUname -> store_worker(uname)

contain

orderID [fk12], barcode [fk13], price, quantity

fk12: orderID -> order(orderID)

fk13: barcode -> product(barcode)