

SCHEMA: TEAM 9 : CS 4400

user = (uname, fname, lname, address, birthdate)

non-null attributes: {fname, lname, address}

customer = (uname [fk1], rating, credit)

fk1: uname → **user**(uname)

non-null attributes: {rating, credit}

employee = (uname [fk2], taxID, service, salary)

fk2: uname → **user**(uname)

non-null attributes: {taxID, service, salary}, unique attributes: {taxID}

drone_pilot = (uname [fk3], license_id, experience)

fk3: uname → **user**(uname)

non-null attributes: {license_id, experience}, unique attributes: {license_id}

store_worker = (uname [fk4])

fk4: uname → **user**(uname)

store = (storeID, revenue, sname, manager [fk5])

fk5: manager → **store_worker**(uname)

non-null attributes: {revenue, sname, manager}

orders = (orderID, sold_on, requested_by [fk6], delivery_store, delivery_drone [fk7])

fk6: requested_by → **customer**(uname)

fk7: delivery_store, delivery_drone → **drone**(storeID, droneTag)

non-null attributes: {sold_on, requested_by, delivery_store, delivery_drone}

product = (barcode, pname, weight)

non-null attributes: {pname, weight}

drone = (storeID [fk8], droneTag, rem_trips, capacity, uname [fk9])

fk8: storeID → **store**(storeID)

fk9: uname → **drone_pilot**(uname)

non-null attributes: {capacity}, unique attributes: {uname}

employ = (storeID [fk10], worker_uname [fk11])

fk10: storeID → **store**(storeID)

fk11: worker_uname → **store_worker**(uname)

contain = (orderID [fk12], product_barcode [fk13], price, quantity)

fk12: orderID → **order**(orderID)

fk13: product_barcode → **product**(barcode)