

3NF process:

users:

username, firstname, lastname, email, phone, street_num, street_name, unit, city, province, postalcode, password, isadmin

All other columns dependent only on username → 3NF; no partial, no transitive dependencies

inventory :

p_id, name, qty, unitprice, type, proc, space, s_type, descr, screen , image_link

All other columns dependent only on p_id → 3NF; no partial, no transitive dependencies

cart:

username, p_id, qty, unitprice, price

price dependent on unitprice and qty → 1NF

username, p_id, qty, unitprice

unitprice is redundant here → 2NF

username, p_id, qty

no dependencies now, no redundancy → 3NF

purchase:

o_id, username, p_id, qty, unitprice, orderdate, shippingStatus

shippingStatus dependent on orderdate → 1NF

unitprice is redundant

o_id, username, p_id, qty, orderdate

no more dependencies → 3NF

review:

username, p_id, pseudonym, rating, msg

username, p_id determine pseudonym, rating, msg; no partial, no transitive dependencies
→ 3NF