Minimal Cover Sets (2nd Deliverable)

Group :

BELMOUDDEN Hajar

CHOUKRI Zakaria

HANIF Maha

YOUSS Ayman

Minimal cover sets:

Table Shipment:

**{**

sid -> days\_of\_storage,

sid -> pallets,

sid -> inspection,

sid -> net\_quantity,

sid -> loading\_date\_at\_plant,

sid -> quantity\_removed\_from\_the\_site,

sid -> stuffing\_date,

sid -> sequence\_date,

sid -> storage\_cost

**}**

Table Sales\_Transaction:

**{**

od -> freight\_invoices,

od -> payment\_terms,

od -> clearance\_date,

od -> payment\_terms\_days,

od -> incoterm,

od -> total\_volume,

od -> invoice,

od -> deadline\_payment,

od -> comment,

od -> estimated\_fob,

od -> invoiced\_amount,

od -> tdate

**}**

Table product:

**{**

pid -> category,

pid -> price,

pid -> branding,

pid -> bag\_size,

pid -> weight,

pid -> percentage

**}**

Table Customer:

**{**

cid -> contract\_id,

cid -> contract\_status,

cid -> customer\_name,

cid -> customer\_group

**}**

Table Delivery:

**{**

did -> region,

did -> status,

did -> estimated\_freight,

did -> country,

did -> discharging\_port,

did -> type\_tc,

did -> delivery\_mode,

did -> ac\_status,

did -> real\_freight,

did -> transit\_time,

did -> supplier,

did -> shipped\_via,

did -> shipping\_line,

did -> port\_loading

**}**

Table Bill\_of\_loading

**{**

cid, sid -> blno,

cid, sid -> bldate

**}**

Table Transports

**{**

transportid -> pid,

transportid -> did

**}**

Table Fulfills

**{**

fid -> did,

fid -> od

**}**

Table is\_loaded

**{**

lid -> did,

lid -> sid

**}**

Table Contains\_product

**{**

containsid -> pid,

containsid -> od

**}**

Table Belongs\_to

**{**

belongsid -> sid,

belongsid -> od

**}**

Table records

**{**

recordid -> cid,

recordid -> od

**}**

Table Buys

**{**

buyid -> cid,

buyid -> pid

}