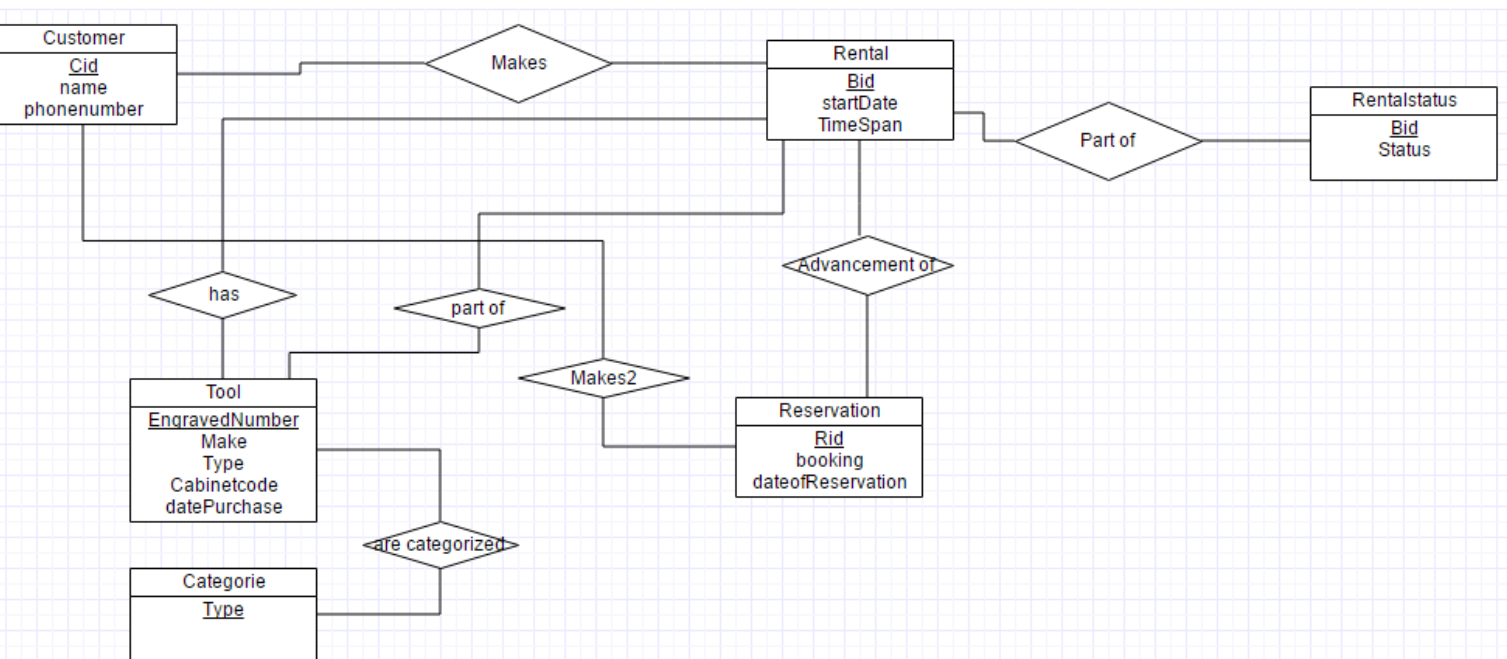Qunfong Wang
2IV60
20 november 2016

1.

2. $\Pi\,c.name\,\sigma_{c.street=s.street}(customer\;x\;store)$

3.

$\Pi\,c.name\,\sigma_{p.cid=c.cid\,\wedge\,s.sname="Albert\,Heijn"\,\wedge\,p.sid\,=\,s.sid}(customer\;x\;store\;x\;purchase)$

4. $\Pi\,s.name\,\sigma_{s1.sname=s2.sname\,\wedge\,s1.sid\neq s2.sid}(\rho_{s1,s2}(store\;x\;store))-$

$\Pi\,s.name\,\sigma_{s.city="Eindhoven"}$

5. This formula tells us the names of the customers, who at a certain date wanted to buy more than there was in stock.