

Scanned with CamScanner

2- all functional dependencies.

park ID -> park Name

wood section 10 -) porte 10

tree 10 - preespecielD, woodsechin 10

free Speie ID - tree Speire Name

rood ID - GIC Sec ID, det seclD,

firestation 10 -> facility 10, fiestation Name

morage 10 - merager Name

fiver 10 - giver Name, facility 10

foulthy Type 10 - facility Type Name

3- to be able to sotisfy Bayer-coold nomel form, there or how and these reeds to be sotisfied: 1.3NFrek, 2. Supoley

a) Fall tables, relations solisty BCNF. Sine they solisty JNF rule, and for dependency  $X \rightarrow 9$ , X is primaryley. 2 relations:

- tree Specie ID + toespecie Name
- · Load ID -> sicsecio, distrecio

b) there wint any relations that iddes not sotisfy BINF.

- 4. ne mentwed that, all reletions sotisfy the 3NF.

  criteria. To be able to sotisfy 3NF, 2 conditions required:

  a) 1. 2NF rule . 2. whether conducted by is in He scheme.
- · Firestation 10 -> facility 10, hve Stotion Nane
- · bree 10 pee Speie 10, noed section 10
- 6) the isit any relations that does not satisfy out.