NORMALIZING DATABASE UTING FUNCTIONS DEPENDS UP TO BING TOOT: QUITABLE MORMOLIZATION FOOL

dependences.

Moberte phone abdabate:

noble price, poite,

mobile - Dolla, mobile price

3. Determone tunitional dependencies (FDS) between activibures

-mobile -name, phone-10, mobile-prile. mobile-pator Step-2 - convertet to the

the All Otheribotes are atomic to the scheme in cap

Step-3: - CONTIERT AD INF

* All prénovoy keys our sengle -column keys

(at)

output The 1thema Prairiedy on 2 MF.
Step-4: - Convert to SMF.

Estimate translitive dependence to product up -> cotegory to -> cotegory to -> cotegory

- Mould table
- + VIII-ID -> None, email, Address phone.
 -> Atready Propert VIII table
- * phone-id vier vier détails
 - All transitive dependencies able removed

Siep-5:- CONVEST to BENF

Check le every determerant et a counditate

- -> Uses tor this reputitive today
 - ex--- do not viou or Benf rules

All fipi empty with BCNF with no further decomposition needed

VIING GILFFITH TOOL :-

- 1. Priput relational schuma and functional depen-
 - 2. an tern vooi generates af dependency graph.
 - 3. Frallyze that graph to Polenapsy. Normanization
 - 4 All FDS empty which Bour no torrain.

 decomposition needed
 - o. Verify the rejulting scheme, much rent

ARLFIFT TOOL STEPLI-

1. create a new project in anetten

2. Defin the relational simma and FD;

3. Run the " Dependency groups" tool.

u. Analyze the grouph to Normalization illust.

5. Apply transformations vinage the "Normalization" to

6. Morify BOUF compine ving the "BINF CHER tool"

Normalized schung:

VIII (VIET-ID, Namus Email, Address) contegener in a Nam of the contegory Mobile (Phone-10 , Many category, 1 price Mobile perails (Phone - 10', Quantity, price payment-10, total - amount).

Revolte - Thus the emplementation of normalizing the database upto but based on geven dependicies mon executed sometiment

VEL TECH EX NO. PERFORMANCE (5) SULPADDAYALOSO