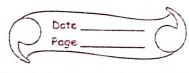


Ą.	Function Dependency:-
Ú	Customer id > Fnume, L-nume, DOB, mobile emuil, panno, gender, Demat_ucc_no, Demat_balance, Depository-Parti
	mobile -> emuil_id
-	TPO ID -> IPO name, price-band, lot_size open - date, close-date, listing price
1	
(iii)	company
<u></u>	company_code -> LTP, industry, market cap, PLE, debt, cash, ROE, ROCE
(iv	Applied_detail Customes_id, IPO id -> Applied_paice, LOT, date, time
(V)	Allocate_detail Cystomer_id, IPO_id > issue_price
(ví)	order_detail customer_id, company_code > order_date, order_time, sell_date, buy_price, status



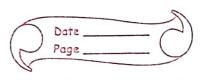
(VĨD	technical
	company-code -> LTP, LC, UC, 52-W high,
	52_W_10W, 52_W_town
Arabi I	avg, delivery
	Bank
\rightarrow	Bunk_ucc_no -> customer_id, acc-holded,
	bank-name, branch, IFSC
21121	
15 ² 1	
5.34	Demut_bal_details
\rightarrow	transaction_id -> customer_id, acc-no,
	dute, time, type, amoun
	Jemurks.
iñ nc_ =	
<u> </u>	
7	
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12.7	



	Page
	Normalization 4
(i)	Customer
	FD'S:
	customer_id > F_name, L_name, DOB,
	mobile_no, emuil, Pan_no, gender
	Demotaco no, Demotabulance,
	Depo-pusti
(1)	mobile_no -> emuil_id
	given FP's set is in INF
	but it is not in 2NF and 3NF due to
	mobile-no -> emuil-it
*	Hence, we have to do decomposition in
e hoof	our table
	, customer
1 44	customer
- 5	> per (customer_id, mobile, email)
. 4, -	now both tuble's use in BCNF customer
	tuble is normalizet.
G(i)	TPO
<u> </u>	ED:
- 1	
<u>,</u>	IPO-ID -> IPO-nume, price band, lot size,
	open_dute, close dute, listing-poice
	11
	This FD'S is in INF because no multivalue
	their
	their this is fully dependent tuble so that it is
	their this is fully dependent tuble so that it is in the cuso
	their this is fully dependent tuble so that it is



	iii) company
	→ ED ·
	company_code > LTP, industry, market_cap,
	PIE, debt, cash, ROE, ROCE
	Their is no multivulue Dependency Hence
	it is in INF, Fully depent so 2NF also
	> Their is no trunsitive dependently
	such that it is in 3NF
	-) left side of FD's is PK 50 that
* 1	it is in BCNF.
	(iv) Applied detail
j s (-> customer id, IPO id -> Applied paice, LOT,
	date, time
	> This is in INF because their is not
1	cmy multivalue dependency. Also it is
	not Show transitivity and particial
e in elemente de	Dependency such that it is in BCNF.
	(v) Allocate Detail
	> customer id, ipo_id > issue price;
	> This tuble is in BONE so no need
	to Furthers normalize
	Vis order details -> customer it, company code -> order date
Aladia (A)	order time, sell-date,
34	buy_paice, statys
y	
km. Taraka N	- This tuble is in BINE 50, no need
ž. (1	to fuotive normalize



4.	
_ (Vii)	Technical
->	company_code -> LTP, LC, UC, W_high, W-LOW,
	w-tound, Avg, Delivery.
	= This table is in BCNF no need to
	FUEHOUT normalize
(viii	Bank
→	Bank acc no -> customerid, acc-holder
	bank name, branch, IFSC
	This table is in BONE so that no need
	to normalize furthur
(×i)	demat_bal_detail
	tours tion - id -> customer - id, acc_no,
	dute time type amount
	zemuzk5
	- This table is in BUNE NO need to
	furthur noomalize
a-	