6	Subject: Year: Month: Day: ()	:()
	india. Day. ()	
0	Step 7: convert regular entities . composite attes won't be written (any their components). Dan't include multivalued at	114
0		3 .
	User:	
6	user-id user-Name age email Password	
6	*subscribtion:	
0		
	sub-id start-date end-date 1 monthplan 12 month plan userid	
6	Payment history:	FK
0		
0	payment-il double amout	
0.2	Comment:	
	11 - (01 1)	
0	comment-id comment media-id user-id FK FK	
05	+ TF	
0	user-rate:	
0	rate-id rate user-id media-id	
1 8	fk fk	
0		
0	watch-later-list;	
21	watdlist-id media-id user-id	
0	FK FK	
6		
	Algebra Paris	

Subject:
Year: Month: Day: () Compay:
compid comp-name establish-year comp-email comp-phase
* Storage-loc:
6 loc-id path server
*media:
9 media-id genre titele rute director locid comp-id
Plc Pk
*movie;
movie-media-id production-year run-time -map sup/subtype
Rel
Tseries:
series-media-id number of seusons stort-date end-date Number of episods
* mapping sup/subtype rel is in last step but i decided to do
it hase because it was necessary.
18
Step 2: map multivalued afters
*Actor:
media-id actor-Pull-name
ę _k
S) Curricules

Subject:			
Year : Month :	Day: ()		page : ()
Producer:			
media-id	producer - full-name		
FK			
step3: may	p weak enlifies:		
*episod	e:		
episod	le-Name episode-	NO Series-me	
•		£1	*
54	C togeth	er => pk	
step4: Bias			on the M side
1-M Re			R Tside as PK to
OD user, s	ubM	side	*
os Quser,	user_rate		
3 user, a			
(4) media,	2		
18 3 series,			
6) company	, medica		
7) media,	user-ide		
21			
0			
The Company of the Co			

Subject:	
Year: Month: Day: () page:()
) sub table already has the user-id as fk so I wont	ye).
modify that	
2) user-rate , , , , , , , , , , , , , , , , , , ,	
(3) comment os	
•	
4) (7) : commet & user-rate already have media id as	
Depisode already has series media-id as fk	_
S) episode already has series media-id as fk S) media already has the comp-id as fk	
	_
step 5: Binary M: N: crowle new table & the pk of M & N will be the Pk of new table. Add the relate	
as after to this new table. Lo These together are pk for	
M: N Rels: new table	
1) watch-later-list , media	11 - 11 -
•	
Duser g medica	-
*	
1) Is_Inside:	_
watchlist-id media-id	
FK PK	
To together => pk	_
<u> </u>	
4	

bje ²	Subject:
<u> </u>	Year: Month: Day: () page:()
W.	3 watch:
3	rk Pk
The second second	Step 6: map binary one-one: modify the aptional side. The attrs of the rel must be included in aptional side.
	the PK of mandatory side is included as fk in options
	side:
	1-1-Rels:
	1) user (option), watch later list: Here due to specific
-	circumstances I must modify both sout here it makes no
0.2	* sense so I continue on my earlier approach
	User:
mi	
C 45	user-id user-Name age emei pussword at later
	F.K.
0	# watchloteclist:
d8	watchlist-id medla-id user-id
0	FIC FIC
0	
21	The other 1-7 rels are media, storage loc & sho paymet.
0	nistory inwhich the fks are already defined correctly.
(S)	O CUP COLOR OF THE

Sι	ıbjec	:t:				-							
Ye	ar:	М	onth:	Day :	()						pag	e : (
ı	Ne	re	don	e hea	e	the	£i.	nal	table	ove	defin	red by	*
												J	
				-			-						
_						-							
_													
						entre de la companya							
_													
		-									-		
-													
_													
,													
			-										

4													
)	CIMP D	ପାଟିମ											
									n				1.50

Subject:	
Year: Month: Day: ()	page:(
Normalization:	
TNF: . There are only single value	Attrs
a Attis dom won't change	
· unique Name for every	cols
. The order in which desta is	. 1 .
opk is defined to uniquely	
- no duplicated rows or cols	
each col must have only	
g row in table	
So we now analyze these condi	lions on the tables that
are signed with * - for simplic	
tables that owne in TNF 8 on	
must convert to 1NF: I suppose	that all the tables
to are in TNF. There are some	
to be multivalued or composite for	
indicate some assumptions to ensure	that they're actually not
18 multivalued or composite & wont	
The offer that are about "date"	exp: start-date, End-date,
dute. Since the dom & ac	tually the datatype of
duter Since the dom & ac	"(Time") in DBMS So
they're not composite and as a	regalt they're atomic.
Datotin	
Date One	

Subject:
Year: Month: Day: () page:()
In Actor & producer tables the after Ador-full-Name
& Producer full Neme are still not composite and
3 they're atomic. The thing is that I necessivily don't
need to seprate the 1st Name & last Names of Actors
& producers so only their full None will do good in this
6 Case. And also in company table company phone number
is not multivalued since I assumed that each company
only has I phone number.
9
2NF: comust be in TNF
- No partial functional dependencies.
12 of course in tables with only I pk there is no
particul fuctional dependency we must only check
those with more than I pk. In tables with 2 pks:
15 episade:
18 ep-Nue serier-mediaid ep-No
FK
it's in 2NF
21
Som Follows