

Pateint Ag Id P-id P_ name Country Age Booking agent Agrid Ag - name Bild Flight Arrival Departure ?-id F-no Airport ementroquio bitroquio F-no

Integrity Constructions

1. Domain Constituints

* Every domain must Contain automic values.

It mean composite and multi-valued attentions
-es were not allowed.

* Every datatype must be clear.

Eq :- Posteriger

P-1d	P-name	Country
001	dikhitha	India
002	Havenitha	china
	Anu shove	Japan

After Conversion

P-10	F_ monu	1. Plane	country
001	dikhitha	-	India
002	Hosehitha	142 146	china
500	Anu	Shoule	Japan

2. Key Constraints

Key.

* Every tuple in the table Should be Unique.

* What values are not allowed in perimary

Eg o-

Alicipant - Name

Kempegowda International Prouposit

chennal International Alexport

Indivia Gandhi International Alexpoon

Not allowed Chennai International Aloquet

Because all

Grows must be unique.

3. Entidy Integrated Constraints

* No Primary Key can take which values.

Eg: Pallenger

P-td	P-Mane	countary
001	diknitha	India
022	Havuhitha	India
UMA	Thanu	chtna
044	Anu	India

After Convenion

Pid	p_name	Country
011	dikhitha	India
022	Planuhitha	India
0.83	Jhanu	china
044	Anu	India

4. Referential - Integraty Constructions

* Referrential - Integratly Constructions care specified between two stables.

* The value of purimary key in Relation-or

Eg:- Booking Agent

Booking -A-9d	Booking Agent - Name
101	Pushpa
102	dakehmi
103	SALERO IIIVII
	Nandan

Pallenger

P-id	P-name	Booking A -1d
011	diknitha	101
022	Ankitha	
033	Hasehitha	103

After Convention

Booking Agent

Booking A -1d	Booking A- name
101	Puhpa
102	dakahmi
103	Nandan

Parenger

P- (d	p-name		
5	1 - vector	Booking A -to	
011	diknitha	100	
022		101	
	Anki+na	102	
033		102	
Busines 6	Hasuhitha	103	

Nosi	malization			
184	1000			
4 3	Normal	only have		
attrit	sute	only have	DIOTHIC NO	Eu col.
		d ma cdu	umn should	be el
	xame d			
		tumns in a	table Show	ed has
-e u	nique non	10		
		in which do	ata 1\$ Store	d doe
	of matter			
200	Petracrage	Table - 1		
	P- 1d.	Paname	Country	
100	0.0.1	Keerthi	chána	
174. 19	600	Shreya	Canada	
10-11	003	Ramya -	Angola	Not
1			Angola	1
Alter	Con voor on			
1	P-id	P-name	(ountry)	
	001	Keerthi	china	1
	002	storcya	Canada	
		9	The rest	
Bulling	003	Ranya	Angala	-

	DATE NO.	
and Marmal form. * It should be he had be he		
-k It should not to the should reme Partid P. name	Ag-id.	P'andi
Table - 2	A18 A18	e-3
P. id P. name 001 Kcouthi 002 Struya 003 Ranya	P-id 001 002 003	Ag_id All Als Al8
3rd Normal Joseph at it should be in	The Se	cond Now
	Teachers Signature	

of Algo it should not have transitive dependency.

Table-1

Airport - id	Airport-name	P-id	F- no
20160	BoM	001	AA 1333
20170	BLR	602	AA 8015
30180	MAA	003	BA 1440

Table-2 Aispost-id Aispost-name 20160 BOM 20170 BLR 20180 MAA

Table 3

Book Ab-id	P-id	F-ne
20100	001	AA 1387
20170	002	A48015
30130	003	BAILAR

Teachers Signature

```
truste table Booking agent
(Agrid Put (10) primary key,
12g-name charlis),
          ing (10));
829
druste table pursunger
(P-Td Fret(5) primary key,
  P-vame char(15) NOT NULL,
  Mge 1 nd (3),
 lousty char (10),
 Ag -id int (10),
 foreign key (Ag_id) references bookingagent (Ag_id));
 treats table flight
 (Find gut (10) primary Kuy,
             time,
 Ardual
             time,
 Dapoture
  P-id int(s),
 (01) to 1 bi- pt
 foreign key (P-td) reformes Passenger (P-td),
 foreign key ( Ag -id) references Bookingagent (Ag -id));
treate table Airport
carpertid antio) unique key,
 airportrame char (20),
  (01) tup Br-7
   (a) tu? bi-9
```

foreign ky (F-no) references flight (F-no), foreign key (P-id) references passenger (P-id));

Syntax :

MXSOLY Invent unto Litable-Name ralues
(relier, value 2, realies, ... values),

:
(rollier, realies, realies, ... realien);

—) (011, 38, "India", 101),
—) (022, 35, "China", 103);

Delete

Syntax four deleting now

Mystax: Mxsax y Delete Firom Ktable-Names where Condition = value:

Eq: mxsalt Delete Furom Passengers

Where Agent-id = 103;

Syntax: mxsalt schop dable < dable Names;

Ea: mxsalt schop table Passengers;

Opdate

Syrtax four updating Single column

Ayortax :- lapdate < dable - Name)

Set column-name = "new value"

where condition = "realize";

Eg:- MXSOLY Update parrengen

Bet passenger address = "Kengeri" where

Agent-id = 101;

Qury

- details of Passenger æ hetrive
- P_id, Country where age is greater P-hame, Retrieve thom 18
- * Letrère the arrival and departure time of F-no ool
- * Retrieve the details of passenger who travelled in F-no 002
- a hetrive the passenger name where p-id ool.