

After 3NF

Client Information Table

Client_Id	Client_First_Name	Client_Last_Name	Client_City	Client_Country	Client_DOB
1	Sai Satwik	Kuppili	Vizag	India	27-11-1998
2	Vyshnavi	Ravella	Guntur	India	15-11-1999
3	Surya Chaitanya	Palepu	Hyderabad	India	12-08-1998
4	Sai Sarath Chandra	Ganti	Chegai	Pakistan	28-11-1999

Primary Key: Client_Id

Phone Numbers table

Client_Id	Client_Phone_Number
1	7730876239
1	9494200000
2	8309240324
2	7995297281
3	9963516161
4	8137069878
4	9063545753

PrimaryKey:(Client_Id,Client_Phone_Number)

(After 4NF)

Boat Table

Boat_number	Boat_Capacity	Service_Type	Owner_ID
I321	50	Luxury	2
I322	25	Luxury	4
I323	30	Normal	1
I324	150	Deluxe	3
I666	100	Luxury	4

PrimaryKey:(Boat_number)

Services Table

Service_Type	Wifi_Bandwidth	Bar	Cusine	Rate
Luxury	100Mbps	NULL	Yes	10000
Deluxe	200Mbps	Yes	Yes	20000
Normal	NULL	NULL	NULL	7500

PrimaryKey:(Service_Type)

Owner Table

Owner_ID	Owner_First_Name	Owner_Last_Name	Licence_no	Owner_DOB
1	Trilochan	Balivada	KL123	22-03-1976
2	RamaKrishna	VR	KL345	18-08-1979
3	HariPrasad	Sonti	KL766	14-11-1969
4	Shabir	Gohal	KL487	12-02-1978

PrimaryKey:(Owner_ID)

Booking Table							
Client_Id	Boat_number	From_Date	To_Date	Route_ID	Payment_Type	Payment_Status	Amount
1	I321	22-10-2018	25-10-2018	1	Cash	No	30000
1	I324	22-10-2018	25-10-2018	3	Card	Yes	60000
2	I322	12-03-2019	30-06-2019	4	Cash	Yes	180000
2	I324	22-10-2018	25-10-2018	2	Card	Yes	60000
3	I323	01-12-2018	05-12-2018	1	Cash	Yes	30000
3	I666	14-12-2018	20-12-2018	3	Cash	Yes	60000
4	I323	01-12-2018	05-12-2018	1	Cash	Yes	30000
PrimaryKey:(Client_Id,Boat_number,From_Date)							

Route Table		
Route_Id	Source	Destination
1	Alleppey	Neudmudi
2	Champakulam	Kainarary
3	Chennamkary	Kainakary
4	Kanjippadom	Pallathruthy
PrimaryKey:(Route_Id)		

Sight Seeing Spot Table	
Route_Id	Spots
1	Kumarakom
1	Thottappally
2	Alumkadavu
2	Pallathruthy
2	Kumarakom
3	Vembabanad
4	Karumadikuttan
4	Amrithapuri
PrimaryKey:(Route_ID,Spots)	
(After 4NF)	