	DESTINATION									
	Hotel ID	Hotel Name	Location	Manager ID						
	Changes :	We don't have to make	any changes in the	above relation as ther	e is no anomaly and it is	in the normalized for	m.			
	MEMBERS									
	Member ID	First Name	Last Name	Date of Reg	DOB	Email ID	Monthly Fee	Package	Address	Ph No.
									10000	
	Changes :	The above relation nee	ds to be normalized	to 1NF as it contains	some multivalued attrib	utes like Packages, A	ddress and Ph No.			
	Members relation after	r decomposition :-								
	Member ID	First Name	Last Name	Date of Reg	DOB	Email ID	Monthly Fee			
(D. Marriera Bardera	Masshan ID	Destros								
(i) Member_Package	Member ID	Package								
(ii) Member_Address	Member ID	Address								
, ,										
(iii) Member_Phone	Member ID	Ph No.								
	FINANCE									
	Hotel ID	Expenditure	Income	Month	Profit					
	Changes :	We don't have to make	any changes in the	above relation as ther	e is no anomaly and it is	in normalized form.				
	MEMBER GUESTS									
	Hotel ID	Room Number	Member ID	Check-In Date	Check-Out Date	Cost of Staying	Recreational Facility			
	Hoterib	Room ramber	Wichiber 15	Oncor-in Date	Oneok-Out Date	Oost of Otaying	recreational racinty			
	Changes :	Above relation needs to	be normalized to 1	INF as it contains a m	ultivalued attribute Recre	eational Facility, whic	h is included in the N-ary	relation.		
		This is taken care of in	the relation - FACIL	ITIES AVAILED						
	After Decomposition:-									
	Hotel ID	Room Number	Member ID	Check-In Date	Check-Out Date					
	NON-MEMBER GUE	ere								
	Hotel ID	Room Number	First Name	Last Name	Check-In-Date	Check-Out-Date	Cost of Staying	Phone Number		
							Jest et etajiing			
	Changes :	We don't have to make	any changes in the	above relation as ther	e is no anomaly and it is	normalized.				
	EMPLOYEE									
	Employee ID	Manager ID	Salary	DOB	Hotel ID	Email ID	First Name	Last Name	Address	Phone Number
	01	About relation ' '	he normaliands of	INF on it or -t-i	no multivalue d -tt-ib.	liko Addro	ana Numbar			
	Changes :	ADOVE relation needs to	De Hormalized to	IINE AS IL CONTAINS SON	ne multivalued attributes	iike Audress and Pho	one Number			
	Employee ID	Manager ID	Salary	DOB	Hotel ID	Email ID	First Name	Last Name		
	,50.10	anagar io					21.12.10			
(i) Employee_Address	Employee ID	Address								
(ii) Employee_Phone	Employee ID	Phone Number								
	DECDE ATION									
	Hotel ID	Service Provider	Supervisor	Profit	Service Description	Service Price				
	Hotel ID	Service Provider	Supervisor	Fiont	Service Description	Service Price				
	Changes :	Above relation needs to	be normalized to 2	2NF. Here the attribute	Service Description is fu	unctionally dependen	t on the attribute Service	Provider.		
	<u>-</u>				relation, the new relaito					

	Hotel ID	Service Provider	Supervisor ID	Profit					
(i) Providers_Services	Service Provider	Service Description	Service Price						
	HOTEL i (SUBCLAS	is)							
	isMember	isOccupied	Room Type	Price/Day	Room Number	Hotel ID			
	Changes :	We don't have to make any changes in the above relation as there is no anomaly and it is normalized.							
		Here, the attribute "che	eckout date" has been omitted since it is already stored in the guests relations.						
	FACILITIES AVAILE	D (N-ary relation)							
	Member ID	Service Provider	Number of times						