Apsil-2021	Monde
- Abdul Haseeb	Que2 = 01
F2019376038	
Duestion 1:- ER Diagram	
Total Entities = 4	
i) Paintings	
ii) Antists	
iii) Reservations	
iv) Hea Muesums	- X
	,
Painting	Arlist
PID	-OC Artist-10
PName	FName
Description	LName
Date	Address Ou #
Antist_ID_	PH#
	Mara
Reservation	Muesum
EDR_ID	R-ID (Reservation_ID)
Date_in	
Date-out	PID (Painting 1D)
	,
PD	

F2019376038 Abolul Haseeb

Q2 Difference b/w Strong	and weak entity with example.
Strong Entity	Weak Entity
-> Totally independent	-> Dependent on other
WHY to the entire set occasio	atter butes / Strong entity
A 3	-> Donated by 2 rectargles
-> Denoted by 1 rectarile	> No key attribute on its own.
-> Has primary key	> No key altribute on its own.
, ,	for identification:
example.	= William Participation :-
the state of the s	01000 8 4 6 -
(C-Name) (C-Name)	(1-name) (1 dets)
C-1D (C-addiess)	L-name (L-date)
	Loan weak entity
Customer Borrows	// [Low] Weak cutify
Strong entity.	July 10 and No.
J	Name of the state
Ledhol ()	
C. 12-2/2/2-13	(in the second

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About "assay

F2019376038 grand of Abdul Hasceb Popular Marie 6 Q3 Total participation and Partial participation. => Total Participation - It is when each cutify in the entity set occurs in atleast one relationship in that relationship set. represented by double lines to from entity to relationship - Can't have mull value. -> It is when each entity set may not occur in atleast one relationship or that relationship -> Donated by single lines -> Can have a Mull valve. Example Partial [BOOK]

(Book ID)

chapteris

Oy Cardinality Constraints.



i) Student H take n (2,8) courses

ii) [course] have n (4,11) [students]

i) Emp n war Dept.

Many-to-One Cardinatity-Ans

ii) Mgs Dept Dept Dept One-to-one cardinality Ans

iii) Emp n work n Project

= Many-to-Many Cardinatity Ams