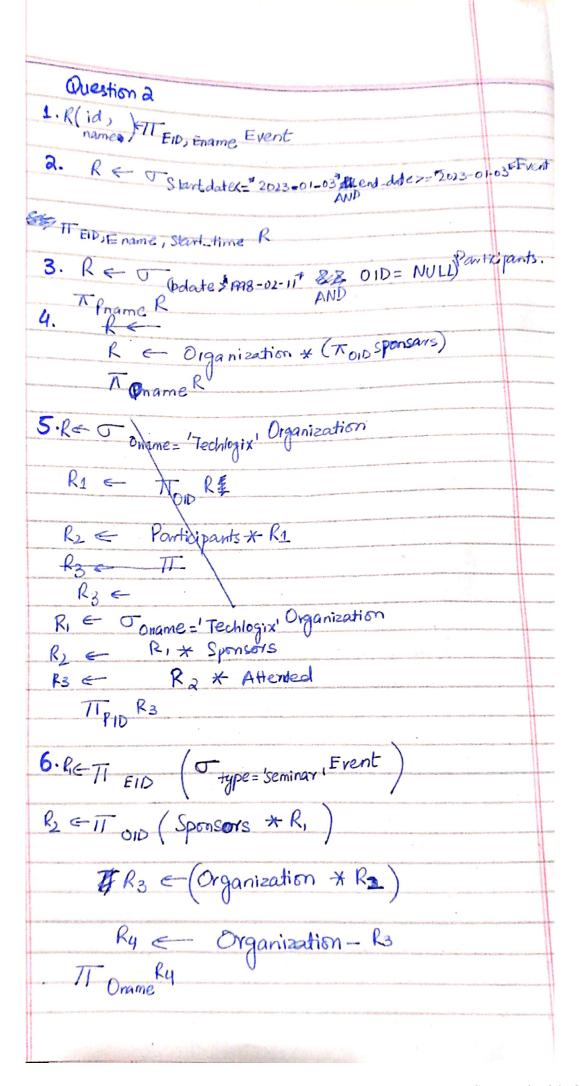
Control on the Control		
	Name: Mahammad laraib Akhtar	
the second second	Rollno: 211-5294	Anti-Sension Selfigui (secundos sela de
	Section: BCS-48	
The state of the s	Course: DataBase Systems	The same of the sa
The state of the s		
Carelle a reference to the	Question 1(a)	
The same have been	A pplications	
	- application No integer	
	- name varchar (30)	
the statement or particular	- Company No integer	
	- type varchar(30)	
ell i ferrett formær i skorer ell fir om	User	
	- userNo integer	4.00
The second	- userNo integer - user-name varchar(30)	
	- email Varchaer (30)	
Control of the State of State of the State o		
- Various literature language construction	- city varchar (30) - country +axchar (30)	
	2	
	Company	
	- company No integer	
3	- name Varchar (30)	the section of the se
	- email varchar (30)	and the second s
	- address varchar (50)	N
Microscopy and Color		Make the street of the street
n on hardware stage and a second	- phone char(11)	
	Accessed By	en e
terreti serte sença n sençan sençan se	- userNo integer	
	- application No integer	All the control of th
	- date Date	
	- time time	the Control of the Co
TOTO THE STATE OF THE PARTY OF	- duration integertime	
American Management of the Control o	Question 1 (b)	
	是一个人,我们就是一个人,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是	
	Applications: applicationNo, Company No User: User No	han the second s
1	Company · Company No	
-	Company: Company No Accessed by: User No, application No, date, time	
	Accessed by: UserNo, applicationNo, date, time	

Applications applications LapplicationNo name CompanyNo type User UserNo user-name email city country Company & LompanyNo name email address phone Accessed By werNo applicationNo date time duration Question 1 (1)
Applications applicationNo name CompanyNo type User UserNo user-name email city country Company Company No name email address phone Accessed By werNo applicationNo date time duration
Applications applicationNo name CompanyNo type User UserNo user-name email city country Company Company No name email address phone Accessed By werNo applicationNo date time duration
Applications applicationNo name CompanyNo type User UserNo user-name email city country Company Company No name email address phone Accessed By werNo applicationNo date time duration
User UserNouser-name email city country Company & Company No name email address phone Accessed By UserNol, applicationNo date time duration
User UserNouser-name email city country Company & Company No name email address phone Accessed By UserNol, applicationNo date time duration
User UserNouser-name email city country Company & Lompany No name email address phone Accessed By UserNo, applicationNo date time duration
Company & Company No name email address phone Accessed By userNol, applicationNo date time duration
Company & Company No name email address phone Accessed By userNol, applicationNo date time duration
Company Le Company No name email address phone Accessed By userNo! applicationNo date time duration.
Accessed By userNol, applicationNo date time duration
Accessed By userNol, applicationNo date time duration
Accessed By UsenNol, applicationNo date time duration
Accessed By UserNol, applicationNo date time duration
userNol, applicationNo date time duration
userNol, applicationNo date time duration
Question 1 (d)
Question 1 (d)
QUESTION I CUI
Andicalance
Applications:
(1, 'laraib Complaint', 1, 'games') (2, 'Hammad Absent', 2, 'productivity') (3, 'DC Notice') 3, 'Kids')
(2, Hammad Absent) 2, productivity)
(3, 'Dc Notice') 3, 'Kids')
User:
(1, 'hitmanle', 'laroibalektar 40 agmail com', 'Okana', 'fististom')
(2 . "Hamado", 1215273@Hr. qu. edu.pk" (Jahora", (Allistria))
(2, Hammad 12', 1215273@Ihr.nu.edu.pk', 'Lahore', 'Addistain') (3, 'SpamX', 1217794@Hr.nu.edu.pk', 'Bawulpur', 'Addistain')
(3) spant, (21111116 Printered of Busines, Franciscos
Company
(Graneity , gameity agnowl com, Faisal Town, 03) 475873231)
(2) Produceks, modules @grall.com, John town, 03150100830)
(2) 'Frodgeeks', 'prodgeeks @gmall.com', 'Johan town', 03150100830) (3, 'Kidschool', 'Midschool @gmail.com', 'Madel town, 032464990121)
(1, 'Graneify', 'gameify@ginail.com', Faisal Town', '03) 475873231) (2, 'Prodgeeks', 'prodgeeks @gmall.com', 'Johan town', 03150100830) (3, 'Kidschool', 'kidschool @gmail.com', Model town, 032464990121)
(2) 'Prodgeeks', 'prodgeeks @gmail.com', 'Johan town', 031501000000) (3) 'Kidschool', 'kidschool @gmail.com', 'Model town', 03246491012)
(2) 'Prodgeeks', 'prodgeeks @gmail.com', 'Johan town', 03150100830) (3) 'Kidschool', 'widschool @gmail.com', 'Model town' 03246499012)
(1, Graneity), 'gameity@gnail.com', Faisal Town', '03247587323') (2) Prodgeeks', 'prodgeeks @gmail.com', 'Johan town', 03150100830) (3) Kidschool', 'kidschool @gmail.com', Model town, 032464990121)

	A STATE OF THE STA
Accessed by:	D-05-09', (12:15:02, '00:00:15')
(1) 1, '2020	2-05-09', (12:15:02', (00-00-15')
2021	~11 ~ 30 12 • Es - 11 /
(2/3,12019)	1-10-1', '01:01:01', '01:00:15')
	Transparence of the control of the c
ye fevential inte	rity constraints:
No contract of the professional autority of the professional autority of the contract of the c	
Accessed by:	1-10-1', '02:00-00',''00:00:01')
(5,2, 1201	1-10-1', '02:00:00', ''00:00:01')
user 5 does	not exist.
Entity integrity	constraint
(NURL, Enapchat,	constraint Snapchat@enapchat.com', 'alifornia', 'USA')
* primary key can	not be Null.
V	
e) · User country con	straints: make sure it contains
valid country code	s like 'UK', 'US', 'PK'.
· Company Email a	sonstraints: make sure table
only contains emai	il addresses from valid domains
e.g. Egmail.com	n', '@lhr.nu.edu.pk'.
· Company Phone	number: The phone number lackly 11 digits.
should be ex	actly 11 digits:
Management of the control of the con	
c) Referential Inte	arrity constraints
Applications:	1 ()
Freign KRM (Commany	NIS) roferences (omorany (ompany No)
· Foreign Let winguing	No) references Company(Company No) cade on Delete cascade. set Natt
on update case	ade on Delete Cascase. Cascase.
Accessed by:	
· Foreign Key Capplication	sn(Vo) references Applications (applicationNo)
on update cascade	2 on delete carcade
· Foreign Key (user N	on No) references Applications (applicationNo) e on delete cascade o) references Appl-User (user No) e on delete castade.
municipal carrad	2 on dolete sailade.
The state of the s	
Moreoval description of a supplier to a companience of the companience	
The state of the s	



7. RISPID F count EID Attended
The Company of the Co
TIPID (Count-EID=5 RI)
O .
PID F count FID Attended
9 o E
MIN amount, max amount, AV ERAGE amount Sponsers.
11. RI = TT EID (Type='Seminar Event)
B & TT (O & Correct of)
RE = TT OID (RI * Sponsers)
R3 = R2 × Organization
SIE TIEID (Type='workshop' Event)
SLE TOID (BS, * Sponsers)
OID X 3 PONSOS
S3 = S2 * Organization.
$R_3 \star S_3$
12. R. E. T. (T. Frent)
12. $R_1 \leftarrow \pi_{E10}(\tau_{type=1seminars}, Event)$
RETT PID (RIX Attended)
A TOTAL CONTRACTOR OF THE PARTY
R3 th/Prame (R1 x Participants)
SI = TTEID (Type='conference' Event) Sa = SI × Attended S3 = 85 Attended-S2 S4 & S3 × Participants
Sa E C. Mandada
S3 C- 85 Attended-S2
Sylles = Sox Participants

