Vaishnavi · A. Patil No.: 1 B59

	Date:
	Assignment - 2
	and temperate of the proofs of their
171	Title : Conversion of E-Radiagram in
	Relational Schemas 10 magnition
	Problem Statement:
2, ,	convert the following
	E-R diagrams into relational schemas.
1	
×,	Primary Objective: - The primary Objective for
	converting ER diagrams into relational schemas
n lye	is to represent the data model in a way
3	that can be implemented in relationships.
- C <sub>2</sub>	Secondary Objective: - The secondary objective
357/	schemas is to minimize data redundancy,
	represent relationship using keys, etc.
2113	representation und arm to artification
	- Bangara - Ba
	Theory:- Entity sets and relationship sets can relation schemas
1.14 1.2 02	1
100	hut represent the contents of database. A
<b>1133</b>	latabase which conforms to an E-R diagram
- 6	an be represented by collection of schemas for
	an be represent and relationship sets these
100	an be represented by confection of these and relationship sets these ach entity set and relationship sets these KIT College Of Engineering, Kolhapur.  (An Autonomous Institute)
200	(An Autonomous Institute)

unique schema that is assigned the name of corresponding sets. Each schema has number of coloumns which have unique nam Entity types become table In given ER diagram lecture, student, subject course forms individual table All single valued attribute become a coloumn for table in morroll In student entity student name & student Id form coloumn of student table similarly course. name & course id form coloumn of course table. · A key attended of entity type represented by seprate table In the student hobby, course the student id, lecture id are key attribute. · Multivated attribute is represented by sepeate table In student table hobby multivated attribute is not possible to represent multiple values in single coloumn of student table so we create composite atterbates. It can have address, ctseet.

KIT College Of Engineering, Kolhapur.
(An Autonomous Institute)

No.:3 Date:

/					and the state of t	
•	Derived att	ribute	s are not	consid	ered in	table.
	In student	table	e, age is	not d	erived	attribute
	In student table, age is not derived at					
	calculating	ifference be	tween	currer	it data	
	and date of			1011-143	Latie .	
	91.3	2(11)		6000		
1124	E-R diagear	n		<del> </del>	111/2	Ĭ
1 1334		9216C		Cours		
ory fork	Student !!	9.17WC		Course		M
13 - 14 11	Address	1920000	00	course	-name	
	course_id	11/	Attends	4		·
	Name			- Automotive and a second	The state of the s	
	student -id		yddad Rute	Ha	5	
	Age		gr Jashir			10400
	DOB	,	Lyddar	1	(	takes
7 7 7 8 8 12 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2	Hobby		Subjects	TOTAL PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROP	-J	
	1	-	1ecture-id	MA Paris		(0)
		(A)	subject_id subject_name	- According		
	Teacher		Subject name	· f	Lockie	2.5
			1		Lecture	
			Teachers	4	lecture	
			/icac to 1		course	1
					m	
	A A A A A A A A A A A A A A A A A A A	KIT Co	ollege Of Engin	eering,	Kolhapu	ır.
	A Maria		(An Autonomou	ıs Institu	te)	
The same of the sa	The second secon					

No. : Date :

0	5	4
5		-

) 	,,,,,							
aldo-y	's a	ational	ache	em Gri		n nainttp	Lovi	173.1 0
Listalli		di Torcat				1d1, f 4091		nT
		tudent-		7		lecture		11
pub to		tudent_		57097	- 20	lecture - ic		of mo
	Student-name DOB					lecture-n		010
						coure_I	8	
	S	treet				MIDSON		Subject
	Ci	ty arms)			CO	urse		subject_ID
	1 1	tatenn			į.	urse_ID	ingbi.	tsubject nom
	course and				col	vrse-name	earb/	Necture-ID
1/				2/41944		. 1	urse	
			Annual Control of the Control			1	e in Di	4
	Stu			d-hobby /		bi_ t	nsbut	2 1
1.	Stud			ient_Tp			Age	
10kes				ny.			800	
							PddoH	1
	Ni.			<u> </u>			1	
	Q Pw				i (. )			•
A Company	lal.			23.		***************************************	la.dob.	3 F + 1
Lodat :	v f ) i y							
<u>-27</u> (15.1)	12:2		7.2	ופתנאנט			1	
1. 1	12 31	Se Sant						
								•

KIT College Of Engineering, Kolhapur. (An Autonomous Institute)

Date:

Ж	Rules
	A many - to many relationship sets is represented as a schema with attributes for the Primary keys of two participating entity sets and any descriptive attributes of relation set.
	A strong entity set reduces the schema with same attributes.
3	Weak entity set becomes table that include a coloumn for primary key of identifying strong entity set.
	19/23.

KIT College Of Engineering, Kolhapur. (An Autonomous Institute)