Oracle Username : dp21abr SRN : 21008521 Name : Dhyan Nilesh Patel Assignment 2 Task 1

9 Relational Schema Statements

- Itinerary Item (<u>Tour ID</u>*, <u>Location ID</u>*, Order_Visited_Number)
- 2. Location (Location ID, Name, Type, Description)
- 3. Tour (Tour ID, Tour_Name, Duration, Standard Cost)
- 4. Qualification (Tour ID*, Guide*, Date Passed)
- 5. Outing (Outing ID, Tour_ID*, Outing_Date, Outing_Time, Guide*)
- Guide (<u>Guide No</u>, Family_Name, Given_Name, Address, Date_of_Birth, Date_Hired, Supervisor*)
- 7. Participant (Outing ID*, Client No*, Date Booked)
- Next_of_Kin (<u>Guide No</u>*, <u>Kin Number</u>, Name, Relationship,
 Contact_Number)
- 9. Client (Client No, Name, Address, Phone_No, Discount)

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1. Tour Table And SQL Code

-	COLUMN_NAME	♦ DATA_TYPE	♦ NULLABLE	DATA_DEFAULT	COLUMN_ID
1	rour_id	VARCHAR2(8 BYTE)	No	(null)	1 (null)
2 :	TOUR_NAME	VARCHAR2 (40 BYTE)	No	(null)	2 (null)
3 1	DURATION	TIMESTAMP(6)	Yes	(null)	3 (null)
4 :	STANDARD COST	NUMBER (7,2)	No	(null)	4 (null)
	ir_name VARCHA	ur_touname_nn NOT	80E3795		
	andard_cost NUM CONSTRAINT tou	10		st >= 0)	

2. Guide Table And SQL Code

		DATA_TYPE	♦ NULLABLE	DATA_DEFAULT	COLUMN_ID	♦ COMMENTS
1	GUIDE_NO	VARCHAR2 (8 BYTE)	No	(null)	1	(null)
2	FAMILY_NAME	VARCHAR2 (120 B	No	(null)	2	(null)
3	GIVEN_NAME	VARCHAR2 (120 B	No	(null)	3	(null)
4	ADDRESS	VARCHAR2(200 B	No	(null)	4	(null)
5	DATE_OF_BIRTH	DATE	No	(null)	5	(null)
6	DATE_HIRED	DATE	No	(null)	6	(null)
7	SUPERVISOR	VARCHAR2 (90 BYTE)	Yes	(null)	7	(null)
	Address VARCHAL CONSTRAINT gr Date_of_Birth I CONSTRAINT gr Date_Hired DATE Supervisor VARC	ai_givnam_nn NOT N R(200) ai_addr_nn NOT NUL DATE ai_dob_nn NOT NULL B NOT NULL,	L,			
		REFERENCES Guide (
)	•					

3. Location Table And SQL Code

			♦ NULLABLE	DATA_DEFAULT	COLUMN_ID	♦ COMMENTS
1	LOCATION_ID	VARCHAR2 (8 BYTE)	No	(null)	1	(null)
2	NAME	VARCHAR2 (100 B	No	(null)	2	(null)
3	TYPE	VARCHAR2 (50 BYTE)	No	(null)	3	(null)
4	DESCRIPTION	VARCHAR2 (250 B	Yes	(null)	4	(null)
	TABLE location	(
REATE lo	CONSTRAINT lo	AR(8)NOT NULL ca_locaid_pk PRIMA AR2(100)				
REATE lo na	CONSTRAINT 100 Me VARCH CONSTRAINT 100	AR(8)NOT NULL ca_locaid_pk PRIMA				

4. Client Table And SQL Code

		DATA_TYPE	NULLABLE	DATA_DEFAULT	COLUMN_ID	
1	CLIENT_NO	VARCHAR2 (8 BYTE)	No	(null)	1	(null)
2	NAME	VARCHAR2(100 B	No	(null)	2	(null)
3	ADDRESS	VARCHAR2 (80 BYTE)	No	(null)	3	(null)
4	PHONE_NO	NUMBER(12,0)	No	(null)	4	(null)
5	DISCOUNT	NUMBER(3,0)	Yes	(null)	5	(null)
	me VARCHAR2 (100)					
Ad	dress VARCHAR2(addr_nn NOT NULL,				
Ad Ph	dress VARCHAR2() CONSTRAINT cli_c one_No NUMBER(1)	addr_nn NOT NULL,				
Ad Ph	dress VARCHAR2() CONSTRAINT cli_a one_No NUMBER(1) CONSTRAINT cli_j scount NUMBER(3)	addr_nn NOT NULL, 2,0) choNo_nn NOT NULL,			PSI SULL	

5. Next_Of_Kin Table And SQL Code

	COLUMN_NAME	DATA_TYPE	♦ NULLABLE	DATA_DEFAULT		
1 G	UIDE_NO	VARCHAR2 (8 BYTE)	No	(null)	1	(null)
2 K	IN_NUMBER	VARCHAR2 (8 BYTE)	No	(null)	2	(null)
3 N	AME	VARCHAR2 (100 B	No	(null)	3	(null)
4 R	ELATIONSHIP	VARCHAR2(100 B	Yes	(null)	4	(null)
5 C	ONTACT_NUMBER	NUMBER (12,0)	No	(null)	5	(null)
(6	(Guide_No) RE	AR(8) NOT NULL, OF_guino_fk FOREIG EFERENCES Guide(Gu				
(G	Guide_No VARCHA CONSTRAINT NO (Guide_No) RE Kin_Number VARC	AR(8) NOT NULL, OF_guino_fk FOREIG EFERENCES Guide(Gu CHAR(8) NOT NULL OF_KinNo_pk PRIMAR(00) NOT NULL, ARCHAR(100),	ide_No),			
(G	Guide_No VARCHA CONSTRAINT NO (Guide_No) RE Cin_Number VARC CONSTRAINT NO Name VARCHAR(10 Relationship VA Contact_Number CONSTRAINT NO	AR(8) NOT NULL, OF_guino_fk FOREIG EFERENCES Guide(Gu CHAR(8) NOT NULL OF_KinNo_pk PRIMAR(00) NOT NULL, ARCHAR(100),	ide_No), Y KEY,			
(G	Guide_No VARCHA CONSTRAINT NO (Guide_No) RE CONSTRAINT NO CONSTRAINT NO Name VARCHAR(10 Relationship VA Contact_Number	AR(8) NOT NULL, OF_guino_fk FOREIG EFERENCES Guide(Gu CHAR(8) NOT NULL OF_KinNo_pk PRIMAR OO) NOT NULL, ARCHAR(100), NUMBER(12)	ide_No),			

6. Outing Table And SQL Code

	⊕ COLUMN_NAME		♦ NULLABLE	DATA_DEFAULT	COLUMN_ID	
1	OUTING_ID	VARCHAR2 (8 BYTE)	No	(null)	1	(null)
2	TOUR_ID	VARCHAR2 (8 BYTE)	No	(null)	2	(null)
3	OUTING_DATE	DATE	No	(null)	3	(null)
4	OUTING_TIME	TIMESTAMP (6)	No	(null)	4	(null)
5	GUIDE	VARCHAR2 (8 BYTE)	Yes	(null)	5	(null)
(Tour_ID VARCHA	ti_outiID_pk PRIM AR(8) ati_tourid_nn NOT	NULL,			
(CONSTRAINT OU Tour_ID VARCHA CONSTRAINT OU (Tour_ID) F Outing_Date DAT Outing_Time TIM Guide VARCHAR(8	ati_outilD_pk PRINAR(8) ati_tourid_nn NOT ati_tourid_fk FORE REFERENCES Tour(THE NOT NULL, RESTAMP NOT NULL, ati_gui_fk FOREIGN	NULL, EIGN KEY Tour_ID),			
(CONSTRAINT OU Tour_ID VARCHA CONSTRAINT OU CONSTRAINT OU (Tour_ID) F Outing_Date DAT Outing_Time TIM Guide VARCHAR(8 CONSTRAINT OU (Guide) REE	ati_outilD_pk PRIN AR(8) ati_tourid_nn NOT ati_tourid_fk FORE REFERENCES Tour(T TE NOT NULL, MESTAMP NOT NULL,	NULL, EIGN KEY Tour_ID),			

7. Itinerary_Item Table And SQL Code

		♦ NULLABLE	DATA_DEFAULT		♦ COMMENTS
1 TOUR_ID	VARCHAR2 (8 BYTE)	No	(null)	1	(null)
2 LOCATION_ID	VARCHAR2 (8 BYTE)	No	(null)	2	(null)
3 ORDER_VISITE	NUMBER (10,0)	No	(null)	3	(null)
CONSTRAINT itin REFERENCES to location_id CONSTRAINT REFERENCES order_visited_r	VARCHAR(8) tourid_pk PRIMARY tourid_fk FOREIGN our (tour_id), VARCHAR(8) itin_locaid_fk FO location (locat number NUMBER(10) tin ordvisitno ck	KEY, KEY (tour_ NOT NULL, REIGN KEY (ion_id), NOT NULL	location_id)	her >= 0 \	
);					

8. Participant Table And SQL Code

⊕ COLUMN_NAME	DATA_TYPE	NULLABLE	DATA_DEFAULT	COLUMN_ID	♦ COMMENTS
1 OUTING_ID	VARCHAR2 (8 BYTE)	No	(null)	1	(null)
2 CLIENT_NO	VARCHAR2 (8 BYTE)	No	(null)	2	(null)
3 DATE_BOOKED	DATE	No	(null)	3	(null)
CONSTRAINT par	rti outiid fk FORE	EIGN KEY			
Client_No VARCE CONSTRAINT par (Client_No) I	REFERENCES Outing HAR(8) NOT NULL, rti_clino_fk FORE REFERENCES Client	(Outing_ID	10.00		
CONSTRAINT par	REFERENCES Outing HAR(8) NOT NULL, rti_clino_fk FORE REFERENCES Client	(Outing_ID	10.00		

9. Qualification Table And SQL Code

		DATA_TYPE	♦ NULLABLE	DATA_DEFAULT		
1	GUIDE	VARCHAR2 (8 BYTE)	No	(null)	1	(null)
2	TOUR_ID	VARCHAR2 (8 BYTE)	No	(null)	2	(null)
3	DATE_PASSED	DATE	No	(null)	3	(null)
	The state of the s	ARCHAR(8) NOT NUll F qua_gui_pk PRIMA				
	CONSTRAIN' CONSTRAIN' REFERENCES tour_id V CONSTRAINT	THE RESERVE	ARY KEY, IGN KEY (gu), IGN KEY (t	W.		