

Danish Khalid
Rehan Khan
Ali Afzal
11 October 2016

3NF Tables - Art Gallery DBMS

Employee Table

Employee_ID (P Key)	Name	Job	Hiredate	Salary	Supervisor_ID
1	Danish	Big Boss	16 Jan, 1994	1000	3
2	Rehan	Guard	10 Jun, 2003	900	2
3	Ali Afzal	Clerk	23 Aug, 2009	800	1

Supervisor Table

Supervisor_ID (P Key)	Title	Employee_ID (F Key)	Manager_ID (F Key)
1	Big Boss	1	1
2	Guard	2	1
3	Clerk	3	2

Manager Table

Manger_ID (P Key)	Employee_ID (F Key)
1	1
2	2
3	3

Customers' Table

Customers_ID (P Key)	Name	Address	Money Spent	Preferred Group
1	Aizaz	E-9	5000	De Stijl
2	Usman	PWD	8000	Pop Art
3	Abu Bakar	Bahria Town	6000	Cubism

Artworks' Table

Art_ID (P Key)	Title	Artist	Artist_ID (F Key)	Group	Type	Price	Year
1	One	Bashir	2	De Stijl	Sculpture	100	2000
2	Two	Khan	3	Pop Art	Oil Painting	500	2005
3	Three	Omar	1	Cubism	Oil Painting	800	2006

Artists' Table

Artist_ID (P Key)	Name	Birthplace	Date Of Birth	Style	number of art pieces
1	Omar	Lahore	14 Aug 1947	Cubism	3
2	Bashir	Jhelum	18 Nov 1987	De Stijl	5
3	Khan	Peshawar	6 Sep 1950	Pop Art	8

Ticket Table

Ticket_ID (P Key)	Time and Date	Employee_ID (F Key)
1	11:30 AM	1
2	12:30 PM	2
3	2:15 PM	2

Invoice Table

Invoice_ID (P Key)	Customer_ID (F Key)	Art_ID (F Key)	Date	Employee_ID (F Key)
1	4	1	8 Sep, 2016	3
2	5	2	9 Sep, 2016	5
3	2	3	10 Sep, 2016	7