

DATABASE DESIGN

Table1::T_Roles :

KEY TYPE/ CONSTRAINT	COLUMN NAME	DATA TYPE	LENGTH	ALLOW NULL
PK	Role_Id	Integer	11	NOT NULL
	Role_Name	varchar	50	NULL

Table2::T_User:

KEY TYPE/ CONSTRAINT	COLUMN NAME	DATA TYPE	LENGTH	ALLOW NULL
PK	User_Id	Integer	11	NOT NULL
	User_Name	varchar	40	NOT NULL
	Password	varchar	20	NOT NULL
	Email	varchar	30	NOT NULL
	Mobile_No	varchar	10	NOT NULL
	Role_Id	Integer	10	NOT NULL

Table3::T_Registration_Form::

KEY TYPE/ CONSTRAINT	COLUMN NAME	DATA TYPE	LENGTH	ALLOW NULL
FK	User_Id	Integer	11	NOT NULL
	Gender	varchar	05	NOT NULL
	Date_Of_Birth	varchar	10	NOT NULL
	Nationality	varchar	10	NOT NULL
FK	Caste_Id	Integer	11	NOT NULL
FK	Religion_Id	varchar	05	NOT NULL
	Address	varchar	40	NOT NULL
	City	varchar	40	NOT NULL
FK	Course_Id	varchar	05	NOT NULL
FK	Dept_id	varchar	05	NOT NULL
FK	Education_Id	Integer	05	NOT NULL

	Fee_Id	varchar	05	NOT NULL
FK	Bank_Id	varchar	05	NOT NULL

Table4:: T_Acadamic_Record :

KEY TYPE/ CONSTRAINT	COLUMN NAME	DATA TYPE	LENGTH	ALLOW NULL
PK	Education_Id	Integer	11	NOT NULL
	Primary_Course	varchar	10	NOT NULL
	SSC_Board	varchar	20	NOT NULL
	SSC_Percentage	varchar	05	NOT NULL
	SSC_Year	varchar	12	NOT NULL
	Secondary_or_Diploma	varchar	10	NOT NULL
	HSC_Board	varchar	20	NOT NULL
	HSC_Percentage	varchar	05	NOT NULL
	HSC_Year	varchar	12	NOT NULL
	Graduation	varchar	10	NOT NULL
	Graduation_University	varchar	20	NOT NULL
	Graduation_Percentage	varchar	05	NOT NULL
	Graduation_Year	varchar	12	NOT NULL

Table5::T_Religion :

KEY TYPE/ CONSTRAINT	COLUMN NAME	DATA TYPE	LENGTH	ALLOW NULL
PK	Religion_Id	varchar	05	NOT NULL
	Religion_Name	varchar	30	NULL

Table6:: T_Caste:

KEY TYPE/ CONSTRAINT	COLUMN NAME	DATA TYPE	LENGTH	ALLOW NULL
PK	Caste_Id	Integer	11	NOT NULL
	Caste_Name	varchar	10	NOT NULL

Table7::T_Course :

KEY TYPE/ CONSTRAINT	COLUMN NAME	DATA TYPE	LENGTH	ALLOW NULL
PK	Course_Id	varchar	05	NOT NULL
	Course_name	varchar	30	NOT NULL

Table8::T_Department :

KEY TYPE/ CONSTRAINT	COLUMN NAME	DATA TYPE	LENGTH	ALLOW NULL
PK	Dept_Id	varchar	05	NOT NULL
	Dept_Name	varchar	30	NOT NULL

Table9::T_Fee_Stucture:

KEY TYPE/ CONSTRAINT	COLUMN NAME	DATA TYPE	LENGTH	ALLOW NULL
PK	Fee_Id	varchar	05	NOT NULL
	Fee_Amount	varchar	10	NOT NULL
	Course_Id	Integer	05	NOT NULL

Table10::T_Bank_details:

KEY TYPE/ CONSTRAINT	COLUMN NAME	DATA TYPE	LENGTH	ALLOW NULL
PK	Bank_Id	varchar	05	NOT NULL
	Bank_Name	varchar	30	NOT NULL
	Branch	varchar	30	NOT NULL

	IFSC_Code	varchar	11	NOT NULL
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