

Table Name	Table Description	Column Name	Table Description	Column Name	Keys	Data Type	Data Type Length	Default Values/Constraint	Nullable	Description
1	Degree_Details	describe details of degree offered by university	Degree_ID	Primary Key	int			IDENTITY(100,1)	NOT NULL	identifier for Degree_Details table which will identify record uniquely values starting from 100 and auto incremented by 1
			Degree_Name		varchar		20		NOT NULL	name of degree with varchar as max limit of 20 characters
			Degree_Type		varchar		10		NOT NULL	type of degree (Bachelors or Masters or PhD) as max limit of 10 characters
			Degree_Duration		tinyint				NOT NULL	duration of degree in years
			Degree_Desc		varchar		40		NOT NULL	brief description of degree with max limit of 40 characters
			Created_Date		date			GETDATE()	NOT NULL	date when entry of record is made into table with default value of date will be considered as system date
			CreatedBy		varchar		10	SYSTEM-USER	NOT NULL	user who is currently logged in and making entry for record default value of user will be generated by this function.
2	Department_Details	describe details of departments in university	Department_ID	Primary Key	int			IDENTITY(1,1)	NOT NULL	identifier for Department_Details table which will identify record uniquely values starting from 1 and auto incremented by 1
			Department_Name		varchar		20		NOT NULL	name of department with varchar as max limit of 20 characters
			Department_Chief		varchar		40		NOT NULL	description of department with varchar as max limit of 40 characters
			Department_Lead		varchar		15		NOT NULL	name of head authority of department with varchar as max limit of 15 characters
			Department_Phone		varchar		15		NOT NULL	phone number of department where number can be contacted with varchar due to unable to manipulate integer
			Created_Date		date			GETDATE()	NOT NULL	date when entry of record is made into table with default value of date will be considered as system date
			CreatedBy		varchar		10	SYSTEM-USER	NOT NULL	user who is currently logged in and making entry for record default value of user will be generated by this function.
3	Professor_Department	show which professor works in which department	Professor_Department_ID	Primary Key	int				NOT NULL	identifier for Professor_Department_ID table which will identify record uniquely
			Prof_ID	Foreign Key	int				NOT NULL	fetch Prof_ID from Professor_Personal_Details table as foreign key reference
			Department_ID	Foreign Key	int				NOT NULL	fetch Department_ID from Department_Details table as foreign key reference
4	Professor_Personal_Details	describe details of professor working in university	Prof_ID	Primary Key	int			IDENTITY(100,1)	NOT NULL	identifier for Professor_Personal_Details table which will identify record uniquely values starting from 100 and auto incremented by 1
			Prof_Name		varchar		20		NOT NULL	name of professor with varchar as max limit of 20 characters
			Prof_Email		varchar		30		NOT NULL	email address of professor working in university with varchar as max limit of 30 characters
			Prof_DOB		date				NOT NULL	date of birth of professor in date format
			Prof_Phone		varchar		15		NOT NULL	phone number of professor where number can be contacted with varchar due to unable to manipulate integer
			Prof_DOJ		date				NOT NULL	date of joining for professor in date format
			Prof_Address		varchar		25		NOT NULL	residential address of professor in varchar with 25 characters as max limit
			Created_Date		date			GETDATE()	NOT NULL	date when entry of record is made into table with default value of date will be considered system date
			CreatedBy		varchar		20	SYSTEM-USER	NOT NULL	user who is currently logged in and making entry for record default value will be generated by system function.
			Modified_Date		date				NULL	date when entry of record is updated into table
			ModifiedBy		varchar		15		NULL	user who is currently logged in and updating entry for record
			Deleted_Date		date				NULL	date when entry of record is deleted into table
		DeletedBy		varchar		20		NULL	user who is currently logged in and deleting entry for record	
5	Professor_Subject	show which professors will teach which subjects	Professor_Subject_ID	Primary Key	int				NOT NULL	identifier for Professor_Subject table which will identify record uniquely
			Prof_ID		int				NOT NULL	fetch Prof_ID from Professor_Personal_Details table as foreign key reference
			Subject_ID	Foreign Key	int				NOT NULL	fetch Subject_ID from Subject_Details table as foreign key reference
6	Staff_Department	show which non academic staff member works in which department	Staff_Department_ID	Primary Key	int				NOT NULL	identifier for Staff_Department table which will identify record uniquely
			Staff_ID	Foreign Key	int				NOT NULL	fetch Staff_ID from Staff_Personal_Details table as foreign key reference (non academic details)
			Department_ID	Foreign Key	int				NOT NULL	fetch Department_ID from Department_Details table as foreign key reference
7	Staff_Personal_Details	describe details of non academic staff member working in university	Staff_ID	Primary Key	int			IDENTITY(200,1)	NOT NULL	identifier for Staff_Personal_Details table which will identify record uniquely values starting from 200 and auto incremented by 1
			Staff_Name		varchar		20		NOT NULL	name of non academic staff member with varchar as max limit of 20 characters
			Staff_Email		varchar		20		NOT NULL	email address of staff member working in university with varchar as max limit of 30 characters
			Staff_DOB		date				NOT NULL	date of birth of non academic staff member in date format
			Staff_Phone		varchar		15		NOT NULL	phone number of staff member where number can be contacted with varchar due to unable to manipulate integer
			Staff_DOJ		date				NOT NULL	date of joining for staff member in date format
			Staff_Address		varchar		25		NOT NULL	residential address of staff member in varchar with 25 characters as max limit
			Created_Date		date			GETDATE()	NOT NULL	date when entry of record is made into table default value will be considered as system date
			CreatedBy		varchar		20	SYSTEM-USER	NOT NULL	user who is currently logged in and making entry for record default value of user will be generated by system function
			Modified_Date		date				NULL	date when entry of record is updated into table
			ModifiedBy		varchar		15		NULL	user who is currently logged in and updating entry for record
			Deleted_Date		date				NULL	date when entry of record is deleted into table
		DeletedBy		varchar		15		NULL	user who is currently logged in and deleting entry for record	
8	Student_Degree	show which student is pursuing which degree	Student_Degree_ID	Primary Key	int				NOT NULL	identifier for Student_Degree table which will identify record uniquely
			Student_ID	Foreign Key	int				NOT NULL	fetch Student from Student_Personal_Details table as foreign key reference
			Degree_ID	Foreign Key	int				NOT NULL	fetch Degree_ID from Degree_Details table as foreign key reference
9	Student_Personal_Details	describe details of student studying in university	Student_ID	Primary Key	int			IDENTITY(1,1)	NOT NULL	identifier for Student_Personal_Details table which will identify record uniquely with values starting from 1 and autoincremented column value
			Student_Name		varchar		20		NOT NULL	name of student with varchar as max limit of 20 characters
			Student_Email		varchar		30		NOT NULL	email address of student studying in university with varchar as max limit of 30 characters
			Student_DOB		date				NOT NULL	date of birth of student in date format
			Student_Phone		varchar		15		NOT NULL	phone number of student where number can be contacted with varchar due to unable to manipulate integer
			Student_Address		varchar		25		NOT NULL	address of student with varchar and 25 character as max limit
			Created_Date		date			GETDATE()	NOT NULL	date when entry of record is made into table default value will be considered as system date
			CreatedBy		varchar		20	SYSTEM-USER	NOT NULL	user who is currently logged in and making entry for record default value will be generated by system function
			Modified_Date		date				NULL	date when entry of record is updated into table
			ModifiedBy		varchar		15		NULL	user who is currently logged in and updating entry for record
			Deleted_Date		date				NULL	date when entry of record is deleted into table
			DeletedBy		varchar		15		NULL	user who is currently logged in and deleting entry for record
10	Subject_Department_Degree	show which subject is offered in which degree and which department	Subject_Department_Degree	Primary Key	int				NOT NULL	identifier for Subject_Department_Degree table which will identify record uniquely
			Subject_ID	Foreign Key	int				NOT NULL	fetch Subject_ID from Subject_Details table as foreign key reference
			Degree_ID	Foreign Key	int				NOT NULL	fetch Degree_ID from Degree_Details table as foreign key reference
			Department_ID	Foreign Key	int		10		NOT NULL	fetch Department_ID from Department_Details table as foreign key reference
11	Subject_Details	describe details of subject offered by university for a degree	Subject_ID	Primary Key	int			IDENTITY(1,1)	NOT NULL	identifier for Subject_Details table which will identify record uniquely
			Subject_Name		varchar		20		NOT NULL	name of subject offered by university with varchar and max limit of 20 characters
			Subject_Credits		tinyint				NOT NULL	amount of credits subject will contain in curriculum of that degree
			Subject_Desc		varchar		40		NOT NULL	brief description of subject with max limit of 40 characters
			Created_Date		date			GETDATE()	NOT NULL	date when entry of record is made into table default value will be considered as system date
			CreatedBy		varchar		10	SYSTEM-USER	NOT NULL	user who is currently logged in and making entry for record default value will be generated by system function
			DeletedBy		varchar		15		NULL	user who is currently logged in and deleting entry for record