

# Table Schema

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Department :

Field	Type	Null	Key	Default	Extra
department_id	int(11)	NO	PRI	NULL	auto_increment
department_name	varchar(100)	NO	UNI	NULL	

Course:

Field	Type	Null	Key	Default	Extra
course_name	varchar(100)	NO	UNI	NULL	
department_id	int(11)	NO	PRI	NULL	
course_id	int(11)	NO	PRI	NULL	

Student:

Field	Type	Null	Key	Default	Extra
roll_number	int(11)	NO	PRI	NULL	
student_name	varchar(100)	NO		NULL	
department_id	int(11)	NO	MUL	NULL	

StudentCourse:

Field	Type	Null	Key	Default	Extra
roll_number	int(11)	NO	PRI	NULL	
course_id	int(11)	NO	PRI	NULL	
marks	int(11)	YES		100	

Teacher:

Field	Type	Null	Key	Default	Extra
teacher_name	varchar(100)	NO		NULL	
department_id	int(11)	NO	PRI	NULL	
teacher_id	int(11)	NO	PRI	NULL	auto_increment

TeacherCourse:

Field	Type	Null	Key	Default	Extra
teacher_id	int(11)	NO	PRI	NULL	
course_id	int(11)	NO	PRI	NULL	
department_id	int(11)	NO	PRI	NULL	

## Entity Relationship Diagram

