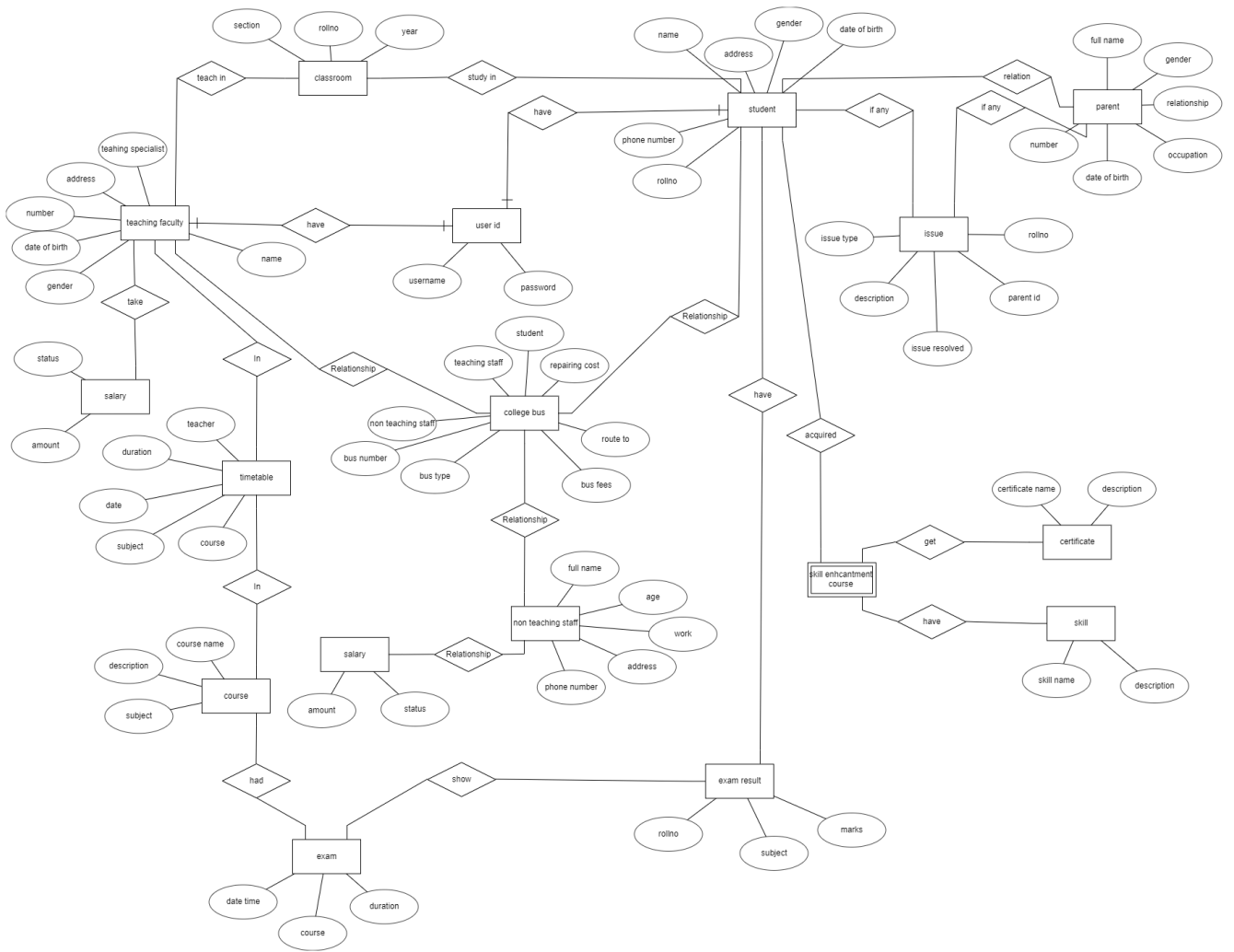
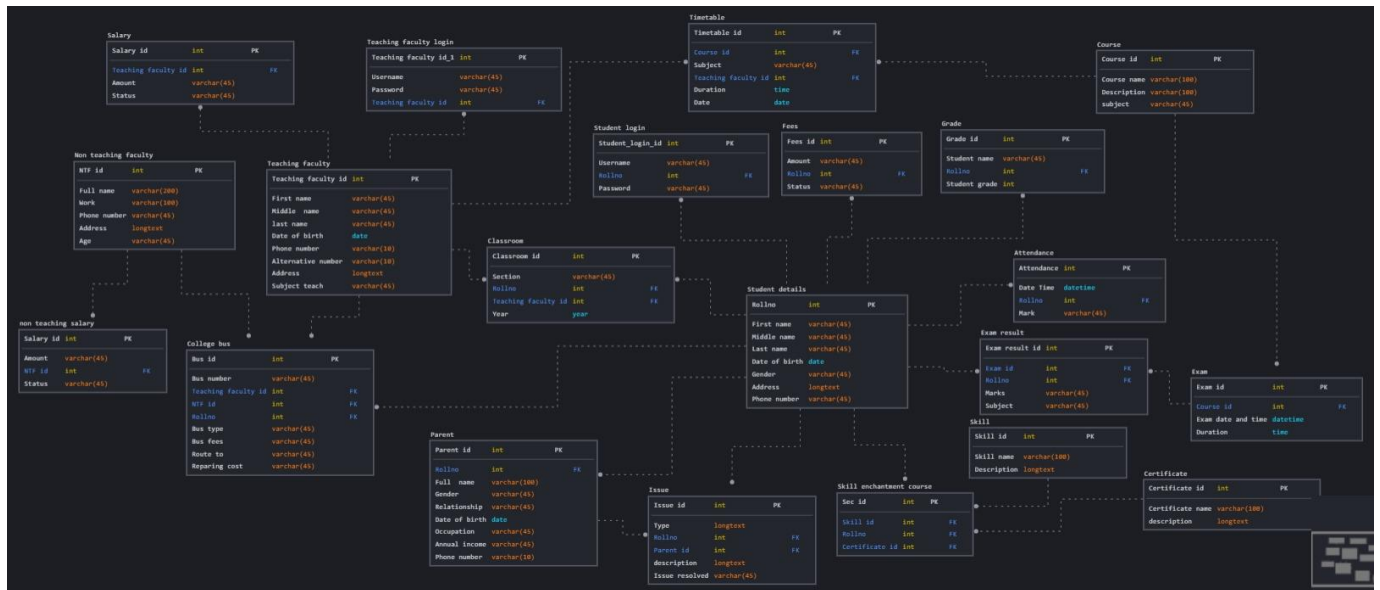


**A
PROJECT
ON
COLLEGE DATABASE MANAGEMENT
SUBMITTED BY
SHAIKH NAVEZ ASLAM**





```

student_details | CREATE TABLE `student_details` (
  `Roll_no` int(11) NOT NULL,
  `First_name` varchar(100) DEFAULT NULL,
  `Middle_name` varchar(100) DEFAULT NULL,
  `Last_name` varchar(100) DEFAULT NULL,
  `Date_of_birth` date DEFAULT NULL,
  `Gender` varchar(100) DEFAULT NULL,
  `Address` longtext DEFAULT NULL,
  `Phone_number` varchar(100) DEFAULT NULL,
  PRIMARY KEY (`Roll_no`));
  
```

Field	Type	Null	Key	Default	Extra
Roll_no	int(11)	NO	PRI	NULL	
First_name	varchar(100)	YES		NULL	
Middle_name	varchar(100)	YES		NULL	

Last_name	varchar(100)	YES		NULL		
Date_of_birth	date	YES		NULL		
Gender	varchar(100)	YES		NULL		
Address	longtext	YES		NULL		
Phone_number	varchar(100)	YES		NULL		

+-----+-----+-----+-----+-----+

+-----+-----+-----+-----+-----+-----+-----+

Roll_no	First_name	Middle_name	Last_name	Date_of_birth	Gender	Address	
Phone_number							

+-----+-----+-----+-----+-----+-----+-----+

1	Aman	Bharyalam	Shaikh	2004-08-04	Male	vikhroli mumbai	9870989090	
2	Zeeshan	Ali	Shaikh	2003-08-21	Male	bhandup mumbai	9827896590	
3	Zahid	Adam	Nivsekar	2004-12-20	Other	kurla mumbai	9070636483	
4	Mahek	Shahid	Khan	2002-05-12	Female	Santacruz mumbai	9867909483	
5	Bushra	Faizan	Sayyed	2002-08-12	Female	Santacruz mumbai	9870896089	
6	Rohit	Rahul	Chikatte	2003-03-08	Male	dadar mumbai	9706890879	
7	Yash	Raj	Chourasiya	2004-02-01	Male	bhandup mumbai	8783908789	

+-----+-----+-----+-----+-----+-----+-----+

```
teaching_faculty_login | CREATE TABLE `teaching_faculty_login` (
  `Teaching_faculty` int(11) NOT NULL,
  `Username` varchar(100) DEFAULT NULL,
  `Password` varchar(100) DEFAULT NULL,
  `Teaching_faculty_id` int(11) DEFAULT NULL,
  PRIMARY KEY (`Teaching_faculty`),
  KEY `login_id_teach` (`Teaching_faculty_id`),
```

```
CONSTRAINT `login_id_teach` FOREIGN KEY (`Teaching_faculty_id`) REFERENCES `teaching_faculty`
(`Teaching_faculty_id`));
```

Field	Type	Null	Key	Default	Extra
Teaching_faculty	int(11)	NO	PRI	NULL	
Username	varchar(100)	YES		NULL	
Password	varchar(100)	YES		NULL	
Teaching_faculty_id	int(11)	YES	MUL	NULL	

Teaching_faculty	Username	Password	Teaching_faculty_id
1 shai876	sgail7658		1
2 vin776	vinent		2
3 sani776	saniya334		3

```
fees | CREATE TABLE `fees` (
  `Fees_id` int(11) NOT NULL,
  `Amount` varchar(100) DEFAULT NULL,
  `Roll_no` int(11) DEFAULT NULL,
  `Status` varchar(100) DEFAULT NULL,
  PRIMARY KEY (`Fees_id`),
  KEY `fees_id_student` (`Roll_no`),
  CONSTRAINT `fees_id_student` FOREIGN KEY (`Roll_no`) REFERENCES `student_details` (`Roll_no`));
```

Field	Type	Null	Key	Default	Extra
Fees_id	int(11)	NO	PRI	NULL	
Amount	varchar(100)	YES		NULL	
Roll_no	int(11)	YES	MUL	NULL	
Status	varchar(100)	YES		NULL	

Fees_id	Amount	Roll_no	Status
1	43000	1	paid
2	43000	2	unpaid
3	43000	3	unpaid
4	43000	4	paid
5	43000	5	paid
6	43000	6	unpaid

```
teaching_faculty | CREATE TABLE `teaching_faculty` (
  `Teaching_faculty_id` int(11) NOT NULL,
  `First_name` varchar(100) DEFAULT NULL,
  `Middle_name` varchar(100) DEFAULT NULL,
  `Last_name` varchar(100) DEFAULT NULL,
  `Date_of_birth` date DEFAULT NULL,
  `Phone_number` varchar(100) DEFAULT NULL,
```

```
`Alternative_number` varchar(100) DEFAULT NULL,
`Address` longtext DEFAULT NULL,
`Subject_teach` varchar(100) DEFAULT NULL,
PRIMARY KEY (`Teaching_faculty_id`));
```

Field	Type	Null	Key	Default	Extra
Teaching_faculty_id	int(11)	NO	PRI	NULL	
First_name	varchar(100)	YES		NULL	
Middle_name	varchar(100)	YES		NULL	
Last_name	varchar(100)	YES		NULL	
Date_of_birth	date	YES		NULL	
Phone_number	varchar(100)	YES		NULL	
Alternative_number	varchar(100)	YES		NULL	
Address	longtext	YES		NULL	
Subject_teach	varchar(100)	YES		NULL	

Teaching_faculty_id	First_name	Middle_name	Last_name	Date_of_birth	Phone_number	Alternative_number	Address	Subject_teach
---------------------	------------	-------------	-----------	---------------	--------------	--------------------	---------	---------------

1	Shailender	kaur	hansi	1997-03-02	9878909890	8798967439	Vikhroli mumbai	Hindi
2	vincet	sebisten	hansi	1998-10-02	990099893	8798909890	bhandup mumbai	Maths
3	saniya	ali	shaikh	1992-10-21	9878673456	8798908769	dadar mumbai	English

```
+-----+-----+-----+-----+-----+-----+
-----+
```

```
classroom | CREATE TABLE `classroom` (
  `Classroom_id` int(11) NOT NULL,
  `Section` varchar(45) DEFAULT NULL,
  `Year` year(4) DEFAULT NULL,
  `Roll_no` int(11) DEFAULT NULL,
  `Teaching_faculty_id` int(11) DEFAULT NULL,
  PRIMARY KEY (`Classroom_id`),
  KEY `class_id_student` (`Roll_no`),
  KEY `class_id_teach` (`Teaching_faculty_id`),
  CONSTRAINT `class_id_student` FOREIGN KEY (`Roll_no`) REFERENCES `student_details` (`Roll_no`),
  CONSTRAINT `class_id_teach` FOREIGN KEY (`Teaching_faculty_id`) REFERENCES `teaching_faculty`
(`Teaching_faculty_id`));
```

```
+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| Classroom_id | int(11)   | NO   | PRI | NULL    |      |
| Section      | varchar(45) | YES  |     | NULL    |      |
| Year         | year(4)   | YES  |     | NULL    |      |
| Roll_no      | int(11)   | YES  | MUL | NULL    |      |
| Teaching_faculty_id | int(11) | YES  | MUL | NULL    |      |
+-----+-----+-----+-----+-----+
```

```
+-----+-----+-----+-----+-----+
```


Classroom_id	Section	Year	Roll_no	Teaching_faculty_id
--------------	---------	------	---------	---------------------

--	--	--	--	--

1	A	2022	1	1
---	---	------	---	---

2	A	2022	2	1
---	---	------	---	---

3	A	2022	3	1
---	---	------	---	---

4	B	2022	4	2
---	---	------	---	---

5	B	2022	5	2
---	---	------	---	---

6	B	2022	6	3
---	---	------	---	---

7	B	2022	7	3
---	---	------	---	---

--	--	--	--	--

```
salary | CREATE TABLE `salary` (
```

```
  `Salary_id` int(11) NOT NULL,
```

```
  `Amount` varchar(100) DEFAULT NULL,
```

```
  `Status` varchar(100) DEFAULT NULL,
```

```
  `Teaching_faculty_id` int(11) DEFAULT NULL,
```

```
  PRIMARY KEY (`Salary_id`),
```

```
  KEY `teach_id_salary` (`Teaching_faculty_id`),
```

```
  CONSTRAINT `teach_id_salary` FOREIGN KEY (`Teaching_faculty_id`) REFERENCES `teaching_faculty`
  (`Teaching_faculty_id`));
```

--	--	--	--	--	--

Field	Type	Null	Key	Default	Extra
-------	------	------	-----	---------	-------

--	--	--	--	--	--

Salary_id	int(11)	NO	PRI	NULL	
-----------	---------	----	-----	------	--

Amount	varchar(100)	YES		NULL	
--------	--------------	-----	--	------	--

Status	varchar(100)	YES		NULL	
--------	--------------	-----	--	------	--

Teaching_faculty_id	int(11)	YES	MUL	NULL		
---------------------	---------	-----	-----	------	--	--

--	--	--	--	--	--	--

--	--	--	--	--	--	--

Salary_id	Amount	Status	Teaching_faculty_id
-----------	--------	--------	---------------------

--	--	--	--

1	55000	paid	1
---	-------	------	---

2	85000	paid	2
---	-------	------	---

3	95000	unpaid	3
---	-------	--------	---

--	--	--	--

```
non_teaching_faculty | CREATE TABLE `non_teaching_faculty` (
```

```
  `NTF_id` int(11) NOT NULL,
```

```
  `Full_name` varchar(100) DEFAULT NULL,
```

```
  `Work` varchar(100) DEFAULT NULL,
```

```
  `Phone_number` varchar(100) DEFAULT NULL,
```

```
  `Address` longtext DEFAULT NULL,
```

```
  `Age` enum('male','female','other') DEFAULT NULL,
```

```
  PRIMARY KEY (`NTF_id`));
```

--	--	--	--	--	--	--

Field	Type	Null	Key	Default	Extra
-------	------	------	-----	---------	-------

--	--	--	--	--	--

NTF_id	int(11)	NO	PRI	NULL	
--------	---------	----	-----	------	--

Full_name	varchar(100)	YES		NULL	
-----------	--------------	-----	--	------	--

Work	varchar(100)	YES		NULL	
------	--------------	-----	--	------	--

Phone_number	varchar(100)	YES		NULL	
--------------	--------------	-----	--	------	--

Address	longtext	YES		NULL		
Age	varchar(100)	YES		NULL		
+-----+-----+-----+-----+-----+						

+-----+-----+-----+-----+-----+						
NTF_id	Full_name	Work	Phone_number	Address	age	
+-----+-----+-----+-----+-----+						
1	ashish chavan	bus	9867345269	CSMT	29	
2	ragav yelve	cleaning	9678569834	dadar	32	
3	Ilhan khan	bus	9465789675	kurla	31	
+-----+-----+-----+-----+-----+						

```

-----+
salary_non_teaching | CREATE TABLE `salary_non_teaching` (
  `Salary_id` int(11) NOT NULL,
  `Amount` varchar(100) DEFAULT NULL,
  `Status` enum('paid','unpaid') DEFAULT NULL,
  `non_teaching_faculty_id` int(11) DEFAULT NULL,
  PRIMARY KEY (`Salary_id`),
  KEY `nonteach_id_salary` (`non_teaching_faculty_id`),
  CONSTRAINT `nonteach_id_salary` FOREIGN KEY (`non_teaching_faculty_id`) REFERENCES
`non_teaching_faculty` (`NTF_id`));

```

+-----+-----+-----+-----+-----+						
Field	Type	Null	Key	Default	Extra	
+-----+-----+-----+-----+-----+						
Salary_id	int(11)	NO	PRI	NULL		
Amount	varchar(100)	YES		NULL		

Status	varchar(100)	YES	NULL	
non_teaching_faculty_id	int(11)	YES	MUL NULL	

+-----+-----+-----+-----+

+-----+-----+-----+-----+

Salary_id	Amount	Status	non_teaching_faculty_id	
-----------	--------	--------	-------------------------	--

+-----+-----+-----+-----+

1	40000	paid	1	
---	-------	------	---	--

2	50000	paid	2	
---	-------	------	---	--

3	35000	paid	3	
---	-------	------	---	--

+-----+-----+-----+-----+

college_bus | CREATE TABLE `college_bus` (

 `Bus_id` int(11) NOT NULL,

 `Bus_number` varchar(100) DEFAULT NULL,

 `Bus_type` varchar(100) DEFAULT NULL,

 `Bus_fees` varchar(100) DEFAULT NULL,

 `Route_to` varchar(100) DEFAULT NULL,

 `Repairing_cost` varchar(100) DEFAULT NULL,

 `Teaching_faculty_id` int(11) DEFAULT NULL,

 `NTF_id` int(11) DEFAULT NULL,

 `Roll_no` int(11) DEFAULT NULL,

 PRIMARY KEY (`Bus_id`),

 KEY `bus_id_nonteach` (`Teaching_faculty_id`),

 KEY `bus_id_roll` (`Roll_no`),

 CONSTRAINT `bus_id_nonteach` FOREIGN KEY (`Teaching_faculty_id`) REFERENCES `teaching_faculty`
(`Teaching_faculty_id`),

 CONSTRAINT `bus_id_roll` FOREIGN KEY (`Roll_no`) REFERENCES `student_details` (`Roll_no`),

```
CONSTRAINT `bus_id_teach` FOREIGN KEY (`Teaching_faculty_id`) REFERENCES `teaching_faculty`
(`Teaching_faculty_id`));
```

Field	Type	Null	Key	Default	Extra
Bus_id	int(11)	NO	PRI	NULL	
Bus_number	varchar(100)	YES		NULL	
Bus_type	varchar(100)	YES		NULL	
Bus_fees	varchar(100)	YES		NULL	
Route_to	varchar(100)	YES		NULL	
Reparing_cost	varchar(100)	YES		NULL	
Teaching_faculty_id	int(11)	YES	MUL	NULL	
NTF_id	int(11)	YES		NULL	
Roll_no	int(11)	YES	MUL	NULL	

Bus_id	Bus_number	Bus_type	Bus_fees	Route_to	Reparing_cost	Teaching_faculty_id	NTF_id	Roll_no
1	MH-04-ER-3361	AC	1000	dadar	Null	1	1	1
2	MH-04-ER-3361	AC	1000	dadar	Null	2	2	2
3	MH-04-ER-3361	AC	1000	dadar	Null	3	3	3
4	MH-04-ER-3362	NON-AC	500	dadar	Null	NULL	NULL	4
5	MH-04-ER-3362	NON-AC	500	dadar	NULL	NULL	NULL	5
6	MH-04-ER-3362	NON-AC	500	dadar	NULL	NULL	NULL	6

```
student_login | CREATE TABLE `student_login` (
  `Student_login_id` int(11) NOT NULL,
  `Roll_no` int(11) DEFAULT NULL,
  `username` varchar(100) DEFAULT NULL,
  `Password` varchar(100) DEFAULT NULL,
  PRIMARY KEY (`Student_login_id`),
  KEY `student_id_student` (`Roll_no`),
  CONSTRAINT `student_id_student` FOREIGN KEY (`Roll_no`) REFERENCES `student_details` (`Roll_no`));
```

Field	Type	Null	Key	Default	Extra
Student_login_id	int(11)	NO	PRI	NULL	
Roll_no	int(11)	YES	MUL	NULL	
username	varchar(100)	YES		NULL	
Password	varchar(100)	YES		NULL	

Student_login_id	Roll_no	username	Password
1	1	amanshk	8789aman
2	2	zeesss	zess412
3	3	zahiiid	zau879
4	4	mahekkkkk9	mahek241
5	5	bushraa56	bushra426
6	6	rohit653	rohit778
7	7	yash667	raj738

+-----+-----+-----+-----+

```
parent | CREATE TABLE `parent` (  
  `Parent_id` int(11) NOT NULL,  
  `Roll_no` int(11) DEFAULT NULL,  
  `Full_name` varchar(100) DEFAULT NULL,  
  `Gender` varchar(50) DEFAULT NULL,  
  `Date_of_birth` date DEFAULT NULL,  
  `Occupation` varchar(100) DEFAULT NULL,  
  `Phone_number` varchar(100) DEFAULT NULL,  
  `Relation` varchar(100) DEFAULT NULL,  
  PRIMARY KEY (`Parent_id`),  
  KEY `roll_id_parent` (`Roll_no`),  
  CONSTRAINT `roll_id_parent` FOREIGN KEY (`Roll_no`) REFERENCES `student_details` (`Roll_no`));
```

+-----+-----+-----+-----+

Field	Type	Null	Key	Default	Extra
Parent_id	int(11)	NO	PRI	NULL	
Roll_no	int(11)	YES	MUL	NULL	
Full_name	varchar(100)	YES		NULL	
Gender	varchar(50)	YES		NULL	
Date_of_birth	date	YES		NULL	
Occupation	varchar(100)	YES		NULL	
Phone_number	varchar(100)	YES		NULL	
Relation	varchar(100)	YES		NULL	

+-----+-----+-----+-----+

Field	Type	Null	Key	Default	Extra
Parent_id	int(11)	NO	PRI	NULL	
Roll_no	int(11)	YES	MUL	NULL	
Full_name	varchar(100)	YES		NULL	
Gender	varchar(50)	YES		NULL	
Date_of_birth	date	YES		NULL	
Occupation	varchar(100)	YES		NULL	
Phone_number	varchar(100)	YES		NULL	
Relation	varchar(100)	YES		NULL	

```

issue | CREATE TABLE `issue` (
  `Issue_id` int(11) NOT NULL,
  `Type` varchar(100) DEFAULT NULL,
  `Description` longtext DEFAULT NULL,
  `Issue_resolved` enum('yes','no') DEFAULT NULL,
  `Roll_no` int(11) DEFAULT NULL,
  `Parent_id` int(11) DEFAULT NULL,
  PRIMARY KEY (`Issue_id`),
  KEY `roll_int_issue` (`Roll_no`),
  KEY `parent_int_SEC` (`Parent_id`),
  CONSTRAINT `parent_int_SEC` FOREIGN KEY (`Parent_id`) REFERENCES `parent` (`Parent_id`),
  CONSTRAINT `roll_int_issue` FOREIGN KEY (`Roll_no`) REFERENCES `student_details` (`Roll_no`));

```


Field	Type	Null	Key	Default	Extra
Issue_id	int(11)	NO	PRI	NULL	
Type	varchar(100)	YES		NULL	
Description	longtext	YES		NULL	
Issue_resolved	enum('yes','no')	YES		NULL	
Roll_no	int(11)	YES	MUL	NULL	
Parent_id	int(11)	YES	MUL	NULL	

Issue_id	Type	Description	Issue_resolved	Roll_no	Parent_id
1	NULL	NULL	NULL	NULL	NULL

```

grade | CREATE TABLE `grade` (
  `Grade_id` int(11) NOT NULL,
  `Student_name` varchar(100) DEFAULT NULL,
  `Student_grade` varchar(100) DEFAULT NULL,
  `Roll_no` int(11) DEFAULT NULL,
  PRIMARY KEY (`Grade_id`),
  KEY `grade_id_student` (`Roll_no`),
  CONSTRAINT `grade_id_student` FOREIGN KEY (`Roll_no`) REFERENCES `student_details` (`Roll_no`));

```

Field	Type	Null	Key	Default	Extra
-------	------	------	-----	---------	-------

Grade_id	int(11)	NO	PRI	NULL		
Student_name	varchar(100)	YES		NULL		
Student_grade	varchar(100)	YES		NULL		
Roll_no	int(11)	YES	MUL	NULL		
+-----+-----+-----+-----+						

+-----+-----+-----+-----+						
Grade_id	Student_name	Student_grade	Roll_no			
+-----+-----+-----+-----+						
1	Aman	10	1			
2	Zeeshan	10	2			
3	Zahid	9	3			
4	Mahek	8	4			
5	Bushra	10	5			
6	Rohit	9	6			
7	yash	8	7			
+-----+-----+-----+-----+						

```
attendance | CREATE TABLE `attendance` (
  `Attendance` int(11) NOT NULL,
  `Date_Time` datetime DEFAULT NULL,
  `Mark` varchar(100) DEFAULT NULL,
  `Roll_no` int(11) DEFAULT NULL,
  PRIMARY KEY (`Attendance`),
  KEY `Attendance_id_student` (`Roll_no`),
  CONSTRAINT `Attendance_id_student` FOREIGN KEY (`Roll_no`) REFERENCES `student_details`
  (`Roll_no`));
```

Field	Type	Null	Key	Default	Extra
Attendance	int(11)	NO	PRI	NULL	
Date_Time	datetime	YES		NULL	
Mark	varchar(100)	YES		NULL	
Roll_no	int(11)	YES	MUL	NULL	

Attendance	Date_Time	Mark	Roll_no
1	2022-02-01 12:30:40	Present	1
2	2022-02-01 12:30:40	Present	2
3	2022-02-01 12:30:40	Absent	3
4	2022-02-01 12:30:40	Absent	4
5	2022-02-01 12:30:40	Present	5
6	2022-02-01 12:30:40	Absent	6

```
skill_enchantment_course | CREATE TABLE `skill_enchantment_course` (
  `SEC_id` int(11) NOT NULL,
  `Skill_id` int(11) DEFAULT NULL,
  `Roll_no` int(11) DEFAULT NULL,
  `Certificate_id` int(11) DEFAULT NULL,
  PRIMARY KEY (`SEC_id`),
  KEY `skill_int_SEC` (`Skill_id`),
```

```

KEY `roll_int_SEC` (`Roll_no`),
KEY `certificate_int_SEC` (`Certificate_id`),
CONSTRAINT `certificate_int_SEC` FOREIGN KEY (`Certificate_id`) REFERENCES `certificate`
(`Certificate_id`),
CONSTRAINT `roll_int_SEC` FOREIGN KEY (`Roll_no`) REFERENCES `student_details` (`Roll_no`),
CONSTRAINT `skill_int_SEC` FOREIGN KEY (`Skill_id`) REFERENCES `skill` (`Skill_id`));

```

Field	Type	Null	Key	Default	Extra
SEC_id	int(11)	NO	PRI	NULL	
Skill_id	int(11)	YES	MUL	NULL	
Roll_no	int(11)	YES	MUL	NULL	
Certificate_id	int(11)	YES	MUL	NULL	

SEC_id	Skill_id	Roll_no	Certificate_id
1	1	1	1
2	2	1	2
3	2	2	1

```

skill | CREATE TABLE `skill` (
  `Skill_id` int(11) NOT NULL,
  `Skill_name` varchar(100) DEFAULT NULL,

```

```
`Description` longtext DEFAULT NULL,
PRIMARY KEY (`Skill_id`));
```

Field	Type	Null	Key	Default	Extra
Skill_id	int(11)	NO	PRI	NULL	
Skill_name	varchar(100)	YES		NULL	
Description	longtext	YES		NULL	

Skill_id	Skill_name	Description
1	dance	good in dance
2	painting	good in paint
3	speech	good in speech

```
certificate | CREATE TABLE `certificate` (
  `Certificate_id` int(11) NOT NULL,
  `Certificate_name` varchar(100) DEFAULT NULL,
  `Description` longtext DEFAULT NULL,
  PRIMARY KEY (`Certificate_id`));
```

Field	Type	Null	Key	Default	Extra
-------	------	------	-----	---------	-------

Certificate_id	int(11)	NO	PRI	NULL	
Certificate_name	varchar(100)	YES		NULL	
Description	longtext	YES		NULL	

+-----+-----+-----+-----+

+-----+-----+-----+-----+

Certificate_id	Certificate_name	Description	
----------------	------------------	-------------	--

+-----+-----+-----+-----+

1	sport	first in running	
---	-------	------------------	--

2	sport	first in kabbadi	
---	-------	------------------	--

3	writing	first in letter writing	
---	---------	-------------------------	--

+-----+-----+-----+-----+

```

course | CREATE TABLE `course` (
  `Course_id` int(11) NOT NULL,
  `Course_name` varchar(100) DEFAULT NULL,
  `Description` varchar(100) DEFAULT NULL,
  `Subject` varchar(100) DEFAULT NULL,
  PRIMARY KEY (`Course_id`));

```

+-----+-----+-----+-----+

Field	Type	Null	Key	Default	Extra
-------	------	------	-----	---------	-------

+-----+-----+-----+-----+

Course_id	int(11)	NO	PRI	NULL	
-----------	---------	----	-----	------	--

Course_name	varchar(100)	YES		NULL	
-------------	--------------	-----	--	------	--

Description	varchar(100)	YES		NULL	
-------------	--------------	-----	--	------	--

Subject	varchar(100)	YES		NULL	
---------	--------------	-----	--	------	--

+-----+-----+-----+-----+

Course_id	Course_name	Description	Subject
1	ssc	learning about english	english
2	ssc	about arts hindi	hindi
3	ssc	learning about maths	maths

```

exam | CREATE TABLE `exam` (
  `Exam_id` int(11) NOT NULL,
  `Course_id` int(11) DEFAULT NULL,
  `Exam_datetime` datetime DEFAULT NULL,
  `Duration` time DEFAULT NULL,
  PRIMARY KEY (`Exam_id`),
  KEY `exam_id_course` (`Course_id`),
  CONSTRAINT `exam_id_course` FOREIGN KEY (`Course_id`) REFERENCES `course` (`Course_id`));

```

Field	Type	Null	Key	Default	Extra
Exam_id	int(11)	NO	PRI	NULL	
Course_id	int(11)	YES	MUL	NULL	
Exam_datetime	datetime	YES		NULL	
Duration	time	YES		NULL	

```

+-----+-----+-----+-----+

```

Exam_id	Course_id	Exam_datetime	Duration
1	1	2022-09-23 11:00:00	02:00:00
2	2	2022-09-23 11:00:00	02:00:00
3	3	2022-09-23 11:00:00	02:00:00

```

exam_result | CREATE TABLE `exam_result` (
  `Exam_result_id` int(11) NOT NULL,
  `Exam_id` int(11) DEFAULT NULL,
  `Roll_no` int(11) DEFAULT NULL,
  `Subject` varchar(100) DEFAULT NULL,
  `Marks` varchar(100) DEFAULT NULL,
  PRIMARY KEY (`Exam_result_id`),
  KEY `exam_id_result` (`Exam_id`),
  KEY `Roll_id_exam` (`Roll_no`),
  CONSTRAINT `Roll_id_exam` FOREIGN KEY (`Roll_no`) REFERENCES `student_details` (`Roll_no`),
  CONSTRAINT `exam_id_result` FOREIGN KEY (`Exam_id`) REFERENCES `exam` (`Exam_id`));

```

Field	Type	Null	Key	Default	Extra
Exam_result_id	int(11)	NO	PRI	NULL	
Exam_id	int(11)	YES	MUL	NULL	
Roll_no	int(11)	YES	MUL	NULL	
Subject	varchar(100)	YES		NULL	
Marks	varchar(100)	YES		NULL	

Exam_result_id	Exam_id	Roll_no	Subject	Marks
1	2	2	hindi	92
2	1	1	english	98
3	3	3	maths	34
4	1	4	english	54
5	2	4	hindi	77
6	3	4	maths	78
7	3	4	maths	32

```

timetable | CREATE TABLE `timetable` (
  `Timetable_id` int(11) NOT NULL,
  `Course_id` int(11) DEFAULT NULL,
  `Subject` varchar(100) DEFAULT NULL,
  `Teaching_faculty_id` int(11) DEFAULT NULL,
  `Duration` time DEFAULT NULL,
  `Date` date DEFAULT NULL,
  PRIMARY KEY (`Timetable_id`),
  KEY `course_id_time` (`Course_id`),
  KEY `time_id_teach` (`Teaching_faculty_id`),
  CONSTRAINT `course_id_time` FOREIGN KEY (`Course_id`) REFERENCES `course` (`Course_id`),
  CONSTRAINT `time_id_teach` FOREIGN KEY (`Teaching_faculty_id`) REFERENCES `teaching_faculty`
(`Teaching_faculty_id`));

```

Field	Type	Null	Key	Default	Extra
Timetable_id	int(11)	NO	PRI	NULL	
Course_id	int(11)	YES	MUL	NULL	
Subject	varchar(100)	YES		NULL	
Teaching_faculty_id	int(11)	YES	MUL	NULL	
Duration	time	YES		NULL	
Date	date	YES		NULL	

Timetable_id	Course_id	Subject	Teaching_faculty_id	Duration	Date
1	2	hindi	1	02:00:00	2022-07-04
2	3	maths	2	02:00:00	2022-07-04
3	1	english	3	02:00:00	2022-07-04