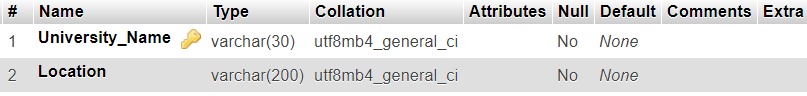
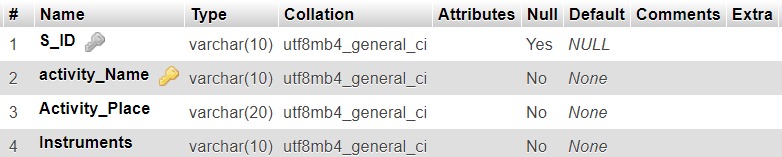
**3. DATA DICTIORNARY**

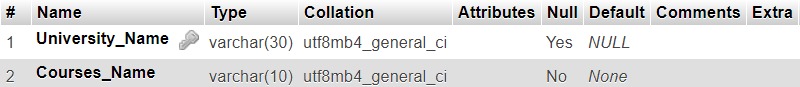
**1.University**



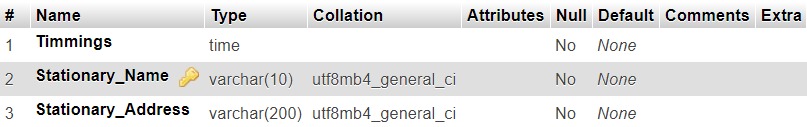
**2.Activity**



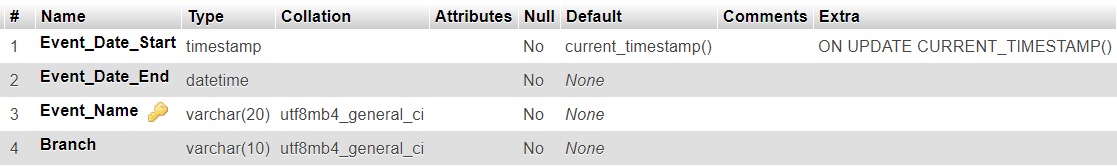
**3.Courses**



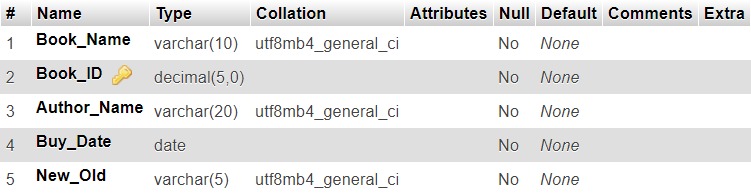
**4.Stationary**



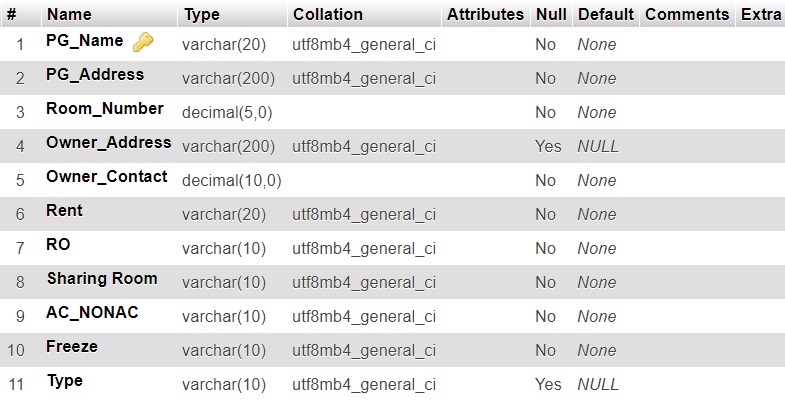
**5.Events**



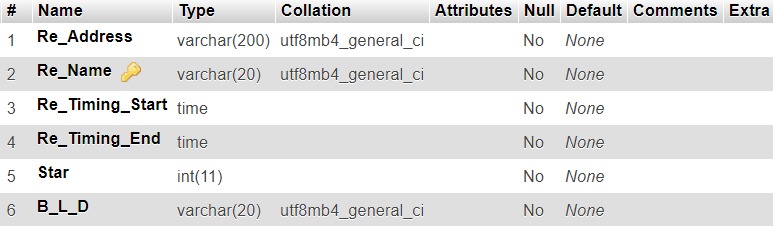
**6.Book**



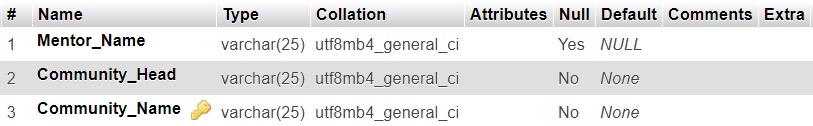
**7.PG\_Hostel**



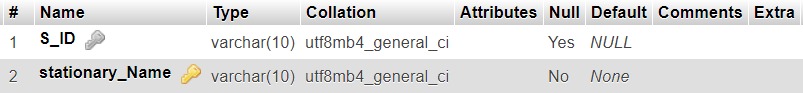
**8.Resturant**



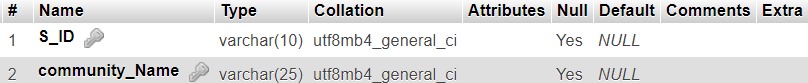
**9.Community**



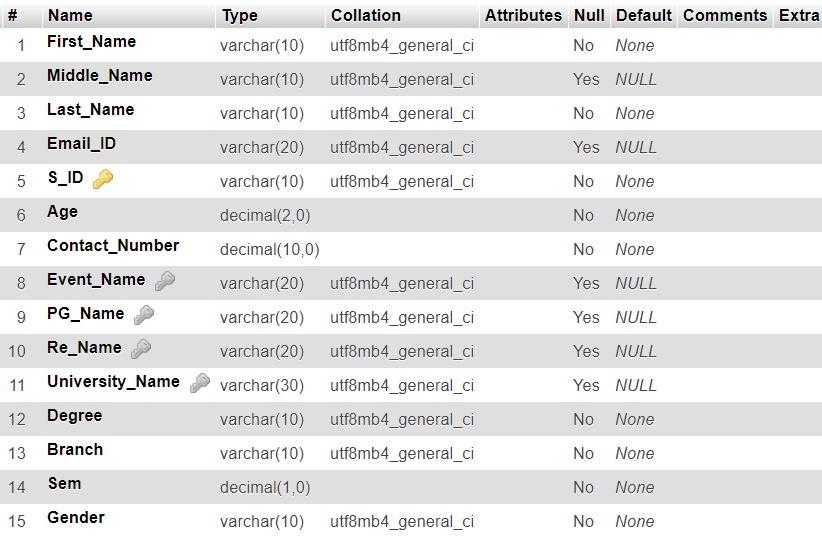
**10.Stationary\_Buy**



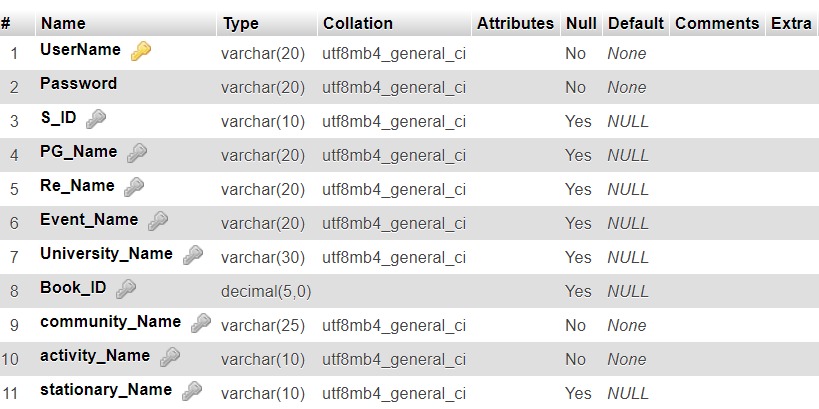
**11.Member**



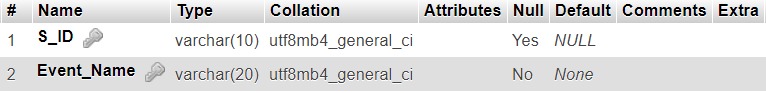
**12.Student**



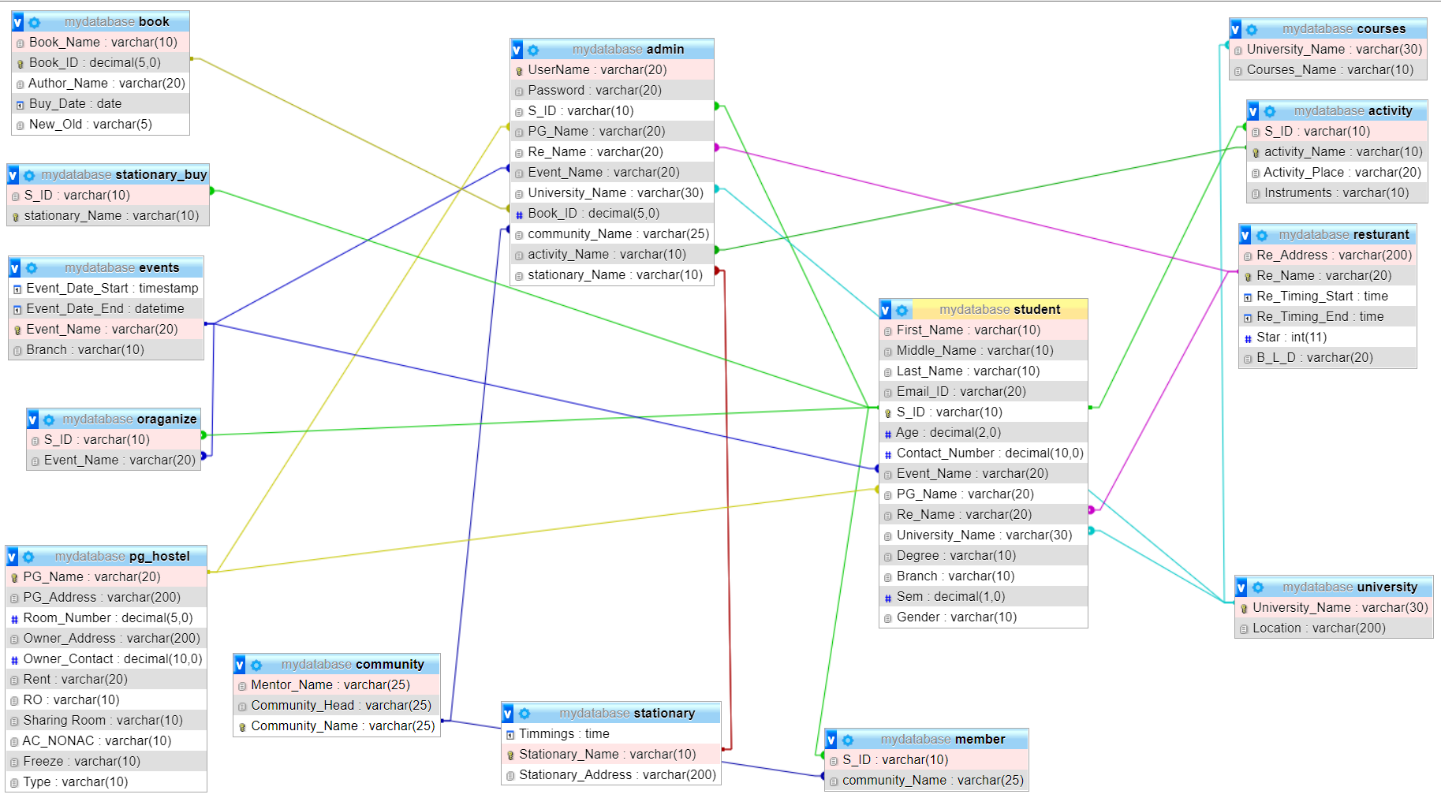
**13.Admin**



**14.Organize**



**4.SCHEMA DIAGRAM**

****

**5.DATABASE IMPLEMENTATION**

**5.1 CREATE SCHEMA**

**1.Student**

CREATE TABLE STUDENT (First\_Name VARCHAR(10) NOT NULL, Middle\_Name VARCHAR(10) DEFAULT NULL, Last\_Name VARCHAR(10) NOT NULL, Email\_ID VARCHAR(20) DEFAULT NULL, S\_ID VARCHAR(10) PRIMARY KEY, Age DECIMAL(2) NOT NULL, Contact\_Number DECIMAL(10) NOT NULL, Event\_Name VARCHAR(10), PG\_Name VARCHAR(20), Re\_Name VARCHAR(10), University\_Name VARCHAR(30), Degree VARCHAR(10) NOT NULL, Branch VARCHAR(10) NOT NULL, Sem DECIMAL(1) NOT NULL, Gender VARCHAR(10) NOT NULL);

ALTER TABLE `student` ADD CONSTRAINT `student1` FOREIGN KEY (`Event\_Name`) REFERENCES `events` (`Event\_Name`);

ALTER T)ABLE `student` ADD CONSTRAINT `student2` FOREIGN KEY (`PG\_Name`) REFERENCES `pg\_hostel` (`PG\_Name`);

ALTER TABLE `student` ADD CONSTRAINT `student3` FOREIGN KEY (`Re\_Name`) REFERENCES `resturant` (`Re\_Name`);

ALTER TABLE `student` ADD CONSTRAINT `student4` FOREIGN KEY (`University\_Name`) REFERENCES `university` (`University\_Name`);

**2.community**

CREATE TABLE COMMUNITY (Mentor\_Name VARCHAR(25) DEFAULT NULL, Community\_Head VARCHAR(25) NOT NULL, Community\_Name VARCHAR(25) PRIMARY KEY);

**3.Stationary**

CREATE TABLE STATIONARY (Timmings TIME NOT NULL, Stationary\_Name VARCHAR(10) PRIMARY KEY, Stationary\_Address VARCHAR(200) NOT NULL);

**4.Event**

CREATE TABLE EVENTS(Event\_Date\_Start TIMESTAMP NOT NULL, Event\_Date\_End DATETIME NOT NULL, Event\_Name VARCHAR(20) PRIMARY KEY, Branch VARCHAR(10) NOT NULL);

**5.Book**

CREATE TABLE BOOK (Book\_Name VARCHAR(10) NOT NULL, Book\_ID DECIMAL(5) PRIMARY KEY, Author\_Name VARCHAR(20) NOT NULL, Buy\_Date DATE NOT NULL, New\_Old VARCHAR(5) NOT NULL);

**6.pg\_hostel**

CREATE TABLE PG\_HOSTEL (PG\_Name VARCHAR(20) PRIMARY KEY, PG\_Address varchar(200) NOT NULL, Room\_Number DECIMAL(5) NOT NULL, Owner\_Address VARCHAR(200) DEFAULT NULL, Owner\_Contact DECIMAL(10) NOT NULL, Rent VARCHAR(20) NOT NULL, RO VARCHAR(10) NOT NULL, TWO\_BHK\_3BHK VARCHAR(10) NOT NULL, AC\_NONAC VARCHAR(10) NOT NULL, Freeze VARCHAR(10) NOT NULL, Type VARCHAR(10) NOT NULL);

**7.Restaurant**

CREATE TABLE Resturant (Re\_Address VARCHAR(200) NOT NULL, Re\_Name VARCHAR(20) PRIMARY KEY, Re\_Timing\_Start TIME NOT NULL, Re\_Timing\_End TIME NOT NULL, Star INT NOT NULL, B\_L\_D VARCHAR(20) NOT NULL);

**8.Admin**

CREATE TABLE ADMIN (UserName VARCHAR(20) PRIMARY KEY, Password VARCHAR(20) NOT NULL, S\_ID VARCHAR(10), PG\_Name VARCHAR(20), Re\_Name VARCHAR(20), Event\_Name VARCHAR(20), University\_Name VARCHAR(10), Book\_ID DECIMAL(5), community\_Head VARCHAR(10) NOT NULL, Acitvity\_Name VARCHAR(10) NOT NULL, stationary\_Name VARCHAR(10))

ALTER TABLE `admin` ADD CONSTRAINT `amin1213` FOREIGN KEY (`stationary\_Name`) REFERENCES `stationary` (`stationary\_Name`)

ALTER TABLE `admin` ADD CONSTRAINT `amin12` FOREIGN KEY (`PG\_Name`) REFERENCES `pg\_hostel` (`PG\_Name`)

ALTER TABLE `admin` ADD CONSTRAINT `amin12134` FOREIGN KEY (`Re\_Name`) REFERENCES `restaurant` (`Re\_Name`)

ALTER TABLE `admin` ADD CONSTRAINT `amin121345` FOREIGN KEY (`Event\_Name`) REFERENCES `events` (`Event\_Name`)

ALTER TABLE `admin` ADD CONSTRAINT `amin1213456` FOREIGN KEY (`University\_Name`) REFERENCES `University` (`University\_Name`)

ALTER TABLE `admin` ADD CONSTRAINT `amin14567` FOREIGN KEY (`Book\_ID`) REFERENCES `Book’ (`Book\_ID`)

ALTER TABLE `admin` ADD CONSTRAINT `amin14567` FOREIGN KEY (`community\_Name`) REFERENCES `community` (`community\_Name`)

ALTER TABLE `admin` ADD CONSTRAINT `amin1288` FOREIGN KEY (`activity\_Name`) REFERENCES `Activity` (`activity\_Name`)

ALTER TABLE `admin` ADD CONSTRAINT `amin1457` FOREIGN KEY (`S\_ID`) REFERENCES `student` (`S\_ID`)

**9.Stationary\_Buy**

CREATE TABLE stationary\_Buy (S\_ID VARCHAR(10), stationary\_Name VARCHAR(10) PRIMARY KEY)

ALTER TABLE `stationary\_buy` ADD CONSTRAINT `sb` FOREIGN KEY (`S\_ID`) REFERENCES `student` (`S\_ID`)

**10.Member**

CREATE TABLE member (S\_ID VARCHAR(10),community\_Name VARCHAR(25));

ALTER TABLE `member` ADD CONSTRAINT `m2` FOREIGN KEY (`S\_ID`) REFERENCES `student` (`S\_ID`);

ALTER TABLE `member` ADD CONSTRAINT `m3` FOREIGN KEY (`community\_Name`) REFERENCES `community` (`community\_Name`);

**11.University**

CREATE TABLE University (University\_Name VARCHAR(30) PRIMARY KEY, Location VARCHAR(200) NOT NULL)

**12.Courses**

CREATE TABLE Courses (University\_Name VARCHAR(30), Courses\_Name VARCHAR(10) NOT NULL)

ALTER TABLE `courses` ADD CONSTRAINT `COURSES` FOREIGN KEY (`University\_Name`) REFERENCES `university` (`University\_Name`)

**13.Activity**

CREATE TABLE Activity (S\_ID VARCHAR(10), Activity\_Name VARCHAR(10) PRIMARY KEY, Activity\_Place VARCHAR(20) NOT NULL, Instruments VARCHAR(10) NOT NULL)

ALTER TABLE `activity` ADD CONSTRAINT `amin1457` FOREIGN KEY (`S\_ID`) REFERENCES `student` (`S\_ID`)

**14.Organize**

CREATE TABLE Oraganize(S\_ID VARCHAR(10), Event\_Name VARCHAR(10) PRIMARY KEY)

ALTER TABLE `organize` ADD CONSTRAINT `or` FOREIGN KEY (`S\_ID`) REFERENCES `student` (`S\_ID`)

**5.2 INSERT DATA VALUE**

**1.Student**

INSERT INTO `student`(`First\_Name`, `Middle\_Name`, `Last\_Name`, `Email\_ID`, `S\_ID`, `Age`, `Contact\_Number`, `Event\_Name`, `PG\_Name`, `Re\_Name`, `University\_Name`, `Degree`, `Branch`, `Sem`) VALUES ('Dishant','H','Modh','dishant@gmail.com','1', 18, 9512100731,'BreakUp Day','Royal Care','Prime Dinning Hall','Dharmsinh Desai','B.Tech','IT',5,’Male’ );

INSERT INTO `student`VALUES ('Twiency','','Korat','trkorat76@gmail.com','2', 18, 9428666531,'Coding war','Blossom','Hotel Vandan','IIT-Gandhinagar','B.Tech','CSE',5,'Female');

INSERT INTO `student`VALUES ('Divyesh','D','Chotaliya','dc2310@gmail.com','3', 17, 6356275041,'Cycle Marathon','Shakti','Law Canteen','Nirma','B.Tech','CS',7,'Male' );

INSERT INTO `student` VALUES ('Jay','','Panchal','jaypanchal@gmail.com','4', 22, 9586986565,'Falicific','Aarav Hostel','Panihari restaurant','GMIT','B.Tech','IT',1 ,'Male');

INSERT INTO `student`VALUES ('Shivani','K','Modi','shivanimodi@gmail.com','5', 19, 7889455622,'Photography','Samaras','Virat fast-food','DaIICT','B.Tech','ICT',3,'Female' );



**2.Community**

**3.Stationary**