BBOnline Booking System – SQL Schema Documentation

# 1. Create Database

Create the main database for the BBOnline Booking System.

CREATE DATABASE BBOnline;

# 2. Table: mst\_activity

Purpose: Stores available activities for booking.

CREATE TABLE mst\_activity (  
 activity\_code INT PRIMARY KEY,  
 activity\_name VARCHAR(30) NOT NULL,  
 activity\_short\_name VARCHAR(3) NOT NULL,  
 activity\_amount INT NOT NULL  
);  
  
INSERT INTO mst\_activity (activity\_code, activity\_name, activity\_short\_name, activity\_amount)  
VALUES   
(1001, 'Auditorium', 'AUD', 15000),  
(1002, 'Amphitheatre', 'AMP', 25000),  
(1003, 'Children Birth Day Party Area', 'CBD', 5000),  
(1004, 'General Activity Area', 'GAA', 2000),  
(1005, 'Children Play Area', 'CPA', 500);

# 3. Table: mst\_district

Purpose: Stores the list of districts.

CREATE TABLE mst\_district (  
 district\_code INT PRIMARY KEY,  
 district\_name VARCHAR(50) NOT NULL  
);  
  
INSERT INTO mst\_district (district\_code, district\_name)  
VALUES   
(1, 'Bangalore'),  
(2, 'Hassan'),  
(3, 'Yadgir'),  
(4, 'Mandya'),  
(5, 'Koppal');

# 4. Table: mst\_id\_proof

Purpose: Stores ID proof types.

CREATE TABLE mst\_id\_proof (  
 proof\_code CHAR(2) PRIMARY KEY,  
 proof\_description VARCHAR(20) NOT NULL  
);  
  
INSERT INTO mst\_id\_proof (proof\_code, proof\_description)  
VALUES   
('1', 'Driving License'),  
('2', 'PAN Card'),  
('3', 'Voter ID'),  
('4', 'Ration Card'),  
('5', 'Passport'),  
('6', 'College ID');

# 5. Table: mst\_users

Purpose: Stores user information.

CREATE TABLE mst\_users (  
 user\_id VARCHAR(20) PRIMARY KEY,  
 name VARCHAR(50) NOT NULL,  
 dob DATETIME NOT NULL,  
 gender CHAR(1) NOT NULL,  
 phone\_no NUMERIC(10) NOT NULL,  
 address VARCHAR(255) CHARACTER SET utf8mb4 NOT NULL,  
 email VARCHAR(50) NOT NULL,  
 password VARCHAR(20) NOT NULL  
);  
-- Note: NVARCHAR replaced with VARCHAR CHARACTER SET utf8mb4 to avoid safe mode warning in MySQL.

# 6. Table: t\_booking

Purpose: Stores booking transactions made by users.

CREATE TABLE t\_booking (  
 activity\_code INT NOT NULL,  
 booking\_date DATETIME NOT NULL,  
 booking\_id VARCHAR(10) NOT NULL,  
 user\_id VARCHAR(20) NOT NULL,  
 booking\_name VARCHAR(35) NOT NULL,  
 proof\_code CHAR(2) NOT NULL,  
 proof\_number VARCHAR(20) NOT NULL,  
 gender CHAR(1) NOT NULL,  
 age INT NOT NULL,  
 address VARCHAR(60) NOT NULL,  
 entered\_on DATETIME NOT NULL,  
 updated\_on DATETIME NOT NULL,  
 PRIMARY KEY (activity\_code, booking\_date)  
);  
-- Note: This table was created using MySQL GUI manually.

# Summary Notes

- All tables were created successfully in MySQL.  
- Replaced deprecated NVARCHAR with VARCHAR CHARACTER SET utf8mb4.  
- CHAR(2) values such as proof\_code are used with quotes (e.g., '1', '2').  
- Used descriptive field names and enforced data integrity using NOT NULL and PRIMARY KEY constraints.