```sql
CREATE DATABASE GAMESS;

USE GAMESS;

-- Team Table --
CREATE TABLE Team (
    TeamID VARCHAR(10) PRIMARY KEY,
    TeamName VARCHAR(100) NOT NULL
);

-- Stadium Table --
CREATE TABLE Stadium (
    StadiumID VARCHAR(10) PRIMARY KEY,
    StadiumName VARCHAR(100) NOT NULL,
    StadiumAddress VARCHAR(200) NOT NULL
);

-- Game Table --
CREATE TABLE Game (
    GameID VARCHAR(10) PRIMARY KEY,
    TeamID_TeamA VARCHAR(10) NOT NULL,
    TeamID_TeamB VARCHAR(10) NOT NULL,
    StadiumID VARCHAR(10) NOT NULL,
    GameDate DATE NOT NULL,
    GameTime TIME NOT NULL,
    GameDuration INT NOT NULL,
    TicketsAvailable INT DEFAULT 0,
```

```sql
    FOREIGN KEY (TeamID_TeamA) REFERENCES Team(TeamID),

    FOREIGN KEY (TeamID_TeamB) REFERENCES Team(TeamID),

    FOREIGN KEY (StadiumID) REFERENCES Stadium(StadiumID)

);


-- Insert Teams --

INSERT INTO Team VALUES

('T001', 'Blaze Battalion'),

('T002', 'Phantom Strikers'),

('T003', 'Wild Stallions'),

('T004', 'Crimson Vipers'),

('T005', 'Midnight Raiders');


-- Insert Stadiums --

INSERT INTO Stadium VALUES

('S001', 'Titan Field', '167 Pert Road, Johannesburg'),

('S002', 'Victory Park', '5 Second Avenue, Gqeberha'),

('S003', 'Apex Arena', '33 Bertha Mkhize Street, Durban'),

('S004', 'Thunder Dome', '27 Bram Fischer Road, Durban'),

('S005', 'Horizon Stadium', '210 Du Toit Street, Tshwane');


-- Insert Games --

INSERT INTO Game VALUES

('G001', 'T001', 'T002', 'S001', '2025-07-05', '14:00:00', 90, 0),

('G002', 'T003', 'T005', 'S004', '2025-07-06', '11:00:00', 90, 0),

('G003', 'T002', 'T003', 'S005', '2025-07-07', '19:00:00', 90, 0),

('G004', 'T001', 'T005', 'S003', '2025-07-08', '18:00:00', 120, 0),

('G005', 'T002', 'T005', 'S001', '2025-07-09', '18:00:00', 120, 0);
```

```sql
-- Update TicketsAvailable --

UPDATE Game

SET TicketsAvailable = 950

WHERE GameID = 'G003';


-- Stadiums without games --

SELECT StadiumName

FROM Stadium

WHERE StadiumID NOT IN (SELECT DISTINCT StadiumID FROM Game);


-- Longest game at Stadium S001 --

SELECT TOP 1 s.StadiumName, g.GameDate, g.GameDuration

FROM Game g

JOIN Stadium s ON g.StadiumID = s.StadiumID

WHERE g.StadiumID = 'S001'

ORDER BY g.GameDuration DESC;
```

	StadiumName
1	Victory Park

	StadiumName	GameDate	GameDuration
1	Titan Field	2025-07-09	120