**Table: Teacher**

CREATE TABLE Teacher (

teacher\_id INT PRIMARY KEY AUTO\_INCREMENT,

first\_name VARCHAR(50) NOT NULL,

last\_name VARCHAR(50) NOT NULL,

date\_of\_birth DATE NOT NULL,

gender ENUM('Male', 'Female', 'Other') NOT NULL,

email VARCHAR(100),

salary DECIMAL(10, 2)

);

**Table: Employee**

CREATE TABLE Employee (

employee\_id INT PRIMARY KEY AUTO\_INCREMENT,

first\_name VARCHAR(50) NOT NULL,

last\_name VARCHAR(50) NOT NULL,

date\_of\_birth DATE NOT NULL,

gender ENUM('Male', 'Female', 'Other') NOT NULL,

email VARCHAR(100),

designation VARCHAR(100),

salary DECIMAL(10, 2)

);

**Table: Student**

CREATE TABLE Student (

student\_id INT PRIMARY KEY AUTO\_INCREMENT,

first\_name VARCHAR(50) NOT NULL,

last\_name VARCHAR(50) NOT NULL,

date\_of\_birth DATE NOT NULL,

gender ENUM('Male', 'Female', 'Other') NOT NULL,

guardian\_name VARCHAR(100),

guardian\_contact\_info VARCHAR(255)

);

**Table: Subjects**

CREATE TABLE Subjects (

subject\_code INT PRIMARY KEY,

subject\_name VARCHAR(100),

teacher\_id INT,

FOREIGN KEY (teacher\_id) REFERENCES Teacher(teacher\_id)

);

**Table: Room**

CREATE TABLE Room (

room\_number VARCHAR(10) PRIMARY KEY,

capacity INT,

room\_type VARCHAR(50)

);

**Table: Classes**

CREATE TABLE Classes (

class\_id INT PRIMARY KEY AUTO\_INCREMENT,

class\_name VARCHAR(50),

section VARCHAR(50),

teacher\_id INT,

room\_number VARCHAR(10),

FOREIGN KEY (teacher\_id) REFERENCES Teacher(teacher\_id),

FOREIGN KEY (room\_number) REFERENCES Room(room\_number)

);

**Table: Exams**

CREATE TABLE Exams (

exam\_id INT PRIMARY KEY AUTO\_INCREMENT,

exam\_name VARCHAR(100),

date DATE,

time TIME

);

**Table: Result**

CREATE TABLE Result (

result\_id INT PRIMARY KEY AUTO\_INCREMENT,

exam\_id INT,

class\_id INT,

teacher\_id INT,

student\_id INT,

subject\_code INT,

score DECIMAL(5, 2),

grade VARCHAR(5),

date DATE,

FOREIGN KEY (exam\_id) REFERENCES Exams(exam\_id),

FOREIGN KEY (class\_id) REFERENCES Classes(class\_id),

FOREIGN KEY (teacher\_id) REFERENCES Teacher(teacher\_id),

FOREIGN KEY (student\_id) REFERENCES Student(student\_id),

FOREIGN KEY (subject\_code) REFERENCES Subjects(subject\_code)

);

**Table: Attendance**

CREATE TABLE Attendance (

attendance\_id INT PRIMARY KEY AUTO\_INCREMENT,

date DATE,

student\_id INT,

class\_id INT,

is\_present BOOLEAN,

FOREIGN KEY (student\_id) REFERENCES Student(student\_id),

FOREIGN KEY (class\_id) REFERENCES Classes(class\_id)

);