CREATE DATABASE quiz\_application;

USE quiz\_application;

-- Table for users

CREATE TABLE users (

username VARCHAR(50) PRIMARY KEY,

password VARCHAR(100),

user\_type VARCHAR(20)

);

-- Table for quizzes

CREATE TABLE quizzes (

quiz\_id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(100)

);

-- Table for questions

CREATE TABLE questions (

question\_id INT AUTO\_INCREMENT PRIMARY KEY,

quiz\_id INT,

question\_text TEXT,

option1 VARCHAR(255),

option2 VARCHAR(255),

option3 VARCHAR(255),

option4 VARCHAR(255),

correct\_option INT,

FOREIGN KEY (quiz\_id) REFERENCES quizzes(quiz\_id)

);

-- Table for student results

CREATE TABLE results (

username VARCHAR(50),

quiz\_name VARCHAR(100),

score INT,

PRIMARY KEY (username, quiz\_name),

FOREIGN KEY (username) REFERENCES users(username),

FOREIGN KEY (quiz\_name) REFERENCES quizzes(name)

);