create table students

(

name varchar(40) not null,

student\_id int(6) not null AUTO\_INCREMENT,

phone\_no varchar(11) UNIQUE,

email varchar(40) not null UNIQUE,

password varchar(255) not null,

current\_institute varchar(60) not null,

address varchar(70),

date\_of\_birth date,

blood\_group varchar(3),

profile\_picture varchar(255),

primary key (student\_id)

);

INSERT INTO students (name, student\_id, phone\_no, email, password, current\_institute, address, date\_of\_birth, blood\_group, profile\_picture) VALUES

('Elon Musk', 201001, '01700212144', 'elon.musk@spacex.com', 'elon1212', 'University of Pennsylvania', 'Pretoria, South Africa', '1971-06-28', 'O-', 'static/uploads/Elon.jpg'),

('Samia Siddika', 201002, '01764149234', 'samia22@gmail.com', 'samia22', 'BRAC University', 'Merul Badda, Dhaka', '2001-07-02', 'O-', 'static/uploads/Rup.jpg');

create table instructors

(

name varchar(40) not null,

instructor\_id int(6) not null AUTO\_INCREMENT,

phone\_no varchar(11) UNIQUE,

email varchar(40) not null UNIQUE,

password varchar(10) not null,

course\_name varchar(70) not null,

address varchar(70),

date\_of\_birth date,

blood\_group varchar(3),

profile\_picture varchar(255),

primary key (instructor\_id)

);

INSERT INTO instructors (name, instructor\_id, phone\_no, email, password, course\_name, address, date\_of\_birth, blood\_group, profile\_picture)

VALUES  
('Muhammad Yunus', 501001, '01550001971', 'muhammad.yunus@bdgovt.com', 'yunus1971', 'Data Science', 'Hathazari, Chottagram', '1940-06-28', 'A+', 'static/uploads/Yunus.jpg'),

('Ayman Sadiq', 501002, '01550001972', 'ayman10@gmail.com', 'ayman', 'Marketing', 'Mohakhali DOHS, Dhaka', '1988-02-23', 'A+', 'static/uploads/Ayman.jpg');

create table admin

(

name varchar(40) not null,

admin\_id int(6) not null AUTO\_INCREMENT,

phone\_no varchar(11) UNIQUE,

email varchar(40) not null UNIQUE,

password varchar(10) not null,

address varchar(70),

date\_of\_birth date,

blood\_group varchar(3),

profile\_picture varchar(255),

primary key (admin\_id)

);

INSERT INTO admin (name, admin\_id, phone\_no, email, password, address, date\_of\_birth, blood\_group, profile\_picture)

VALUES ('Rajin Rahman', '401001', '01815364782', 'rajin7077@gmail.com', 'rajin7077', 'Swadhinata Sarani, Uttar Badda, Dhaka- 1212', '2003-01-03', 'A+', 'static/uploads/Ayvan.jpg');

create table courses

(

course\_code int(6) not null AUTO\_INCREMENT,

instructor\_id int(6) not null,

course\_name varchar(80) not null,

category varchar(40) not null,

num\_of\_module int not null,

num\_of\_students int not null,

completation\_rate decimal(5,2) not null,

course\_picture varchar(255),

course\_exam varchar(255),

primary key (course\_code),

foreign key (instructor\_id) references instructors(instructor\_id)

);

INSERT INTO courses (course\_code, instructor\_id, course\_name, category, num\_of\_module, num\_of\_students, completation\_rate, course\_picture, course\_exam)

VALUES

(101, 501001, 'Introduction to Data Science', 'Data Science', 2, 3, 0.00, 'static/uploads/ds.jpg', 'ds\_exam'),

(102, 501001, 'Introduction to Python Programming', 'Python', 0, 2, 0.00, 'static/uploads/Python.jpg', 'python\_exam'),

(103, 501001, 'Introduction to Statistics', 'Data Science', 0, 1, 0.00, 'static/uploads/Statistics.jpg', 'stat\_exam');

create table content

(

course\_code int(3) not null,

module\_no int not null,

outline\_pdf varchar(255),

module\_video varchar(255),

assignment varchar(255),

deadline date,

pdf\_file varchar(255),

primary key (course\_code, module\_no),

foreign key (course\_code) references courses(course\_code)

);

INSERT INTO content

(course\_code, module\_no, outline\_pdf, module\_video, assignment, deadline, pdf\_file)

VALUES

(101, 1, 'ds\_module01\_outline.pdf', '<https://www.youtube.com/watch?v=KxryzSO1Fjs>', 'ds\_module01\_assignment.pdf', '2024-12-31', 'datascience\_module1.pdf');

INSERT INTO content

(course\_code, module\_no, module\_video, assignment, deadline, pdf\_file)

VALUES

(101, 2, '<https://www.youtube.com/watch?v=y1y1ATTMpaw>', 'ds\_module02\_assignment.pdf', '2024-12-30', 'datascience\_module2.pdf');

create table enrollment\_status

(

course\_code int(3) not null,

student\_id int(6) not null,

enroll\_date date not null,

status varchar(10),

total\_point int not null,

primary key (course\_code, student\_id),

foreign key (course\_code) references courses(course\_code),

foreign key (student\_id) references students(student\_id)

);

INSERT INTO enrollment\_status

(course\_code, student\_id, enroll\_date, status, total\_point)

VALUES

(101, 201001, '2024-01-18', 'incomplete', 30),

(101, 201002, '2024-01-15', 'incomplete', 33),

(101, 201003, '2024-12-10', 'incomplete', 0),

(102, 201001, '2024-12-21', 'incomplete', 0),

(102, 201002, '2024-01-20', 'incomplete', 0),

(103, 201002, '2024-12-21', 'incomplete', 0);

create table leaderboard

(

course\_code int(3) not null,

p1 int(6),

p2 int(6),  
 p3 int(6),  
 p4 int(6),  
 p5 int(6),

primary key (course\_code),

foreign key (course\_code) references courses(course\_code)

);

INSERT INTO leaderboard (course\_code, p1, p2, p3, p4) VALUES   
(101, 201004, 201003, 201001, 201002),

(102, 201003, 201004, 201002, 201001);

create table student\_feedback

(

f\_no int not null AUTO\_INCREMENT,

course\_code int(3) not null,

student\_id int(6) not null,

feedback varchar(500),

primary key (f\_no),

foreign key (course\_code) references courses(course\_code),

foreign key (student\_id) references students(student\_id)

);

INSERT INTO student\_feedback (course\_code, student\_id, feedback) VALUES

(101, 201002, 'The course content is very well-structured, and the instructor explains concepts clearly.'),

(102, 201002, 'The course is helpful, but I would appreciate more hands-on assignments and practical examples.'),

(103, 201002, 'Excellent course! The materials and resources provided are top-notch, making learning easy and enjoyable.'),

(101, 201001, 'I found the course informative and engaging, but the pacing could be improved for beginners.');

create table instructor\_feedback

(

f\_no int not null AUTO\_INCREMENT,

course\_code int(3) not null,

instructor\_id int(6) not null,

feedback varchar(500),

primary key (f\_no),

foreign key (course\_code) references courses(course\_code),

foreign key (instructor\_id) references instructors(instructor\_id)

);

INSERT INTO instructor\_feedback (course\_code, instructor\_id, feedback)

VALUES   
(101, 501001, 'This course has been well-structured, and students have shown significant engagement.'),

(101, 501002, 'The course content needs updates to include more real-world examples for better student understanding.');

create table exams

(

course\_code int(3) not null,

student\_id int(6) not null,

q1\_mark int,

q2\_mark int,

q3\_mark int,

q4\_mark int,

q5\_mark int,

q6\_mark int,

q7\_mark int,

q8\_mark int,

q9\_mark int,

q10\_mark int,

total\_mark int,

primary key (course\_code, student\_id),

foreign key (course\_code) references courses(course\_code),

foreign key (student\_id) references students(student\_id)

);

create table assignments

(

student\_id int(6) not null,

course\_code int(3) not null,

module\_no int not null,

submitted\_assignments varchar(255),

submission\_date date,

marks int,

primary key (student\_id, course\_code, module\_no),

foreign key (student\_id) references students(student\_id),

foreign key (course\_code) references courses(course\_code),

foreign key (course\_code, module\_no) references content(course\_code, module\_no)

);