CASE STUDY -TEAM 7-K.NIKITHAREDDY,T.SAI PRANATHI

create database Course\_Management\_System;

use Course\_Management\_System;

-- Create table for courses

CREATE TABLE courses (

course\_id INT PRIMARY KEY,

course\_name VARCHAR(255),

course\_description TEXT

);

-- Create table for students

CREATE TABLE students (

student\_id INT PRIMARY KEY,

student\_name VARCHAR(255),

student\_email VARCHAR(255)

);

-- Create table for assignments

CREATE TABLE assignments (

assignment\_id INT PRIMARY KEY,

assignment\_name VARCHAR(255),

assignment\_description TEXT,

due\_date DATE

);

-- Create table for submissions

CREATE TABLE submissions (

submission\_id INT PRIMARY KEY,

student\_id INT,

assignment\_id INT,

submission\_date DATE,

submission\_grade INT,

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

FOREIGN KEY (assignment\_id) REFERENCES assignments(assignment\_id)

);

-- Create table for gradebook

CREATE TABLE gradebook (

course\_id INT,

assignment\_id INT,

student\_id INT,

grade INT,

PRIMARY KEY (course\_id, assignment\_id, student\_id),

FOREIGN KEY (course\_id) REFERENCES courses(course\_id),

FOREIGN KEY (assignment\_id) REFERENCES assignments(assignment\_id),

FOREIGN KEY (student\_id) REFERENCES students(student\_id)

);