



Design DB model for Guvi Zen class



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CREATE TABLE zenclass (
    batch_id INT PRIMARY KEY,
    coordinator_name VARCHAR(30),
    courses VARCHAR(30)
);

CREATE TABLE session (
    session_id INT PRIMARY KEY,
    class_name VARCHAR(30),
    class_description VARCHAR(30)
);

CREATE TABLE syllabus (
    syllabus_id INT PRIMARY KEY,
    syllabus_description VARCHAR(1000)
);

CREATE TABLE students(
    student_id INT PRIMARY KEY,
    student_name VARCHAR(30),
    batch_id INT,
    FOREIGN KEY(batch_id) REFERENCES zenclass(batch_id),
    session_id INT,
    FOREIGN KEY(session_id) REFERENCES session(session_id)
);

CREATE TABLE coordinator (
    coordinator_id INT PRIMARY KEY,
    mentor_id INT,
    batch_id INT,
    student_id INT,
    session_id INT,
    syllabus_id INT,
    FOREIGN KEY(mentor_id) REFERENCES mentor(mentor_id),

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FOREIGN KEY(batch_id) REFERENCES zenclass(batch_id),
FOREIGN KEY(student_id) REFERENCES students(student_id),
FOREIGN KEY(session_id) REFERENCES session(session_id),
FOREIGN KEY(syllabus_id) REFERENCES syllabus(syllabus_id)
);

CREATE TABLE mentor(
    mentor_id INT PRIMARY KEY,
    mentor_name VARCHAR(30),
    batch_id INT,
    student_id INT,
    session_id INT
    FOREIGN KEY(student_id) REFERENCES students(student_id),
    FOREIGN KEY(batch_id) REFERENCES zenclass(batch_id),
    FOREIGN KEY(session_id) REFERENCES session(session_id)
);

CREATE TABLE queries(
    query_id INT PRIMARY KEY,
    batch_id INT,
    student_id INT,
    FOREIGN KEY(batch_id) REFERENCES zenclass(batch_id),
    FOREIGN KEY(student_id) REFERENCES students(student_id)
);

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EER DIAGRAM

