DB model for Guvi Zen class

CREATE database for Zen

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TABLE for users

CREATE TABLE users(userid INTEGER AUTO\_INCREMENT PRIMARY KEY,batchid INTEGER,username VARCHAR(100),useremail VARCHAR(100));

INSERT INTO users(username,useremail,batchid) VALUES(B30WD,"swetha","swetha@gmail.com"),(B30WD,"nizu","niz@gmail.com"),(B30WD,"san","san2310@gmail.com"),(B30WD,"ravi","ravi3010@gmail.com"),(B30WD,"john","john@gmail.com");

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TABLE for codekata

CREATE TABLE codekata(userid INTEGER, problems INTEGER,

FOREIGN KEY (userid) REFERENCES users(userid));

INSERT INTO codekata(userid,problems) VALUES(1,102),(2,77),(3,52),(4,65),(5,26);

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TABLE for task

CREATE TABLE tasks(taskid INTEGER AUTO\_INCREMENT PRIMARY KEY, topicid INTEGER,task VARCHAR(1000),

batchid INTEGER,

FOREIGN KEY (topicid) REFERENCES topics(topicid)

);

INSERT INTO tasks(topicid,task,batchid) VALUES (1,"Api",15), (2,"Mongodb",25),(3,"Bootstrap Task",32), (4,"JavaScript Task",35),(5,"React Task",25),;

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TABLE for mentors

CREATE TABLE mentors(mentorid INTEGER AUTO\_INCREMENT PRIMARY KEY,mentorname VARCHAR(100),

mentoremail VARCHAR(100));

INSERT INTO mentors(mentorname,mentoremail) VALUES ("johndoe","john@gmail.com"), ("prem","prem1709@gmail.com"),("sharanya","sharan@gmail.com"),("taylor","taylor@gmail.com"),("nithya","nithya@gmail.com");

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TABLE for topic

CREATE TABLE topics(topicid INTEGER AUTO\_INCREMENT PRIMARY KEY,topic VARCHAR(200),

topic\_date DATE,mentorid INTEGER,batchid INTEGER,

FOREIGN KEY (mentorid) REFERENCES mentors(mentorid));

INSERT INTO topics(mentorid,batchid,topic,topic\_date) VALUES(1,B30WD,"Api Basics","1-07-2021"),(2,B30WD,"Mongodb Basics","10-07-2021"),(3,B30WD,"Bootstrap-Grid","25-08-2021"),(4,B30WD,"JavaScript","28-08-2021"),(5,B30WD,"React-component","1-09-2021");

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TABLE for attendance

CREATE TABLE attendance(attendanceid INTEGER AUTO\_INCREMENT PRIMARY KEY, userid INTEGER,

courseid INTEGER ,topicsid INTEGER, attended BOOLEAN,

FOREIGN KEY (userid) REFERENCES users(userid),

FOREIGN KEY (topicsid) REFERENCES topics(topicsid),

FOREIGN KEY (courseid) REFERENCES courses(courseid)

);

INSERT INTO attendance(userid,courseid,topicsid,attended) VALUES(3,2,5,true),(5,2,3,true),(2,3,3,false), (4,5,5,true),(3,2,2,false);

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TABLE for query

CREATE TABLE queries(queryid INTEGER AUTO\_INCREMENT PRIMARY KEY , userid INTEGER,

querybody VARCHAR(1000),mentorid INTEGER,

FOREIGN KEY (userid) REFERENCES users(userid),FOREIGN KEY (mentorid) REFERENCES mentors(mentorid)

)

INSERT INTO queries(userid,querybody,mentorid) VALUES(1,"query about Api",1),(3,"query about Mongodb",5),(2,"query about Bootstrap",4),(5,"query about JavaScript",3),(4,"query about React",2);