DB Model

**WORKBENCH CODE**

CREATE TABLE students (id INT PRIMARY KEY, f\_name VARCHAR(30), l\_name VARCHAR(30));

DESCRIBE students;

INSERT INTO students (id, f\_name, l\_name) VALUES (1, 'ARCHU', 'M'), (2, 'Raja', 'm'), (3, 'Sekar', 'm');

SELECT \* FROM students;

CREATE TABLE batches (id INT PRIMARY KEY, bat\_name VARCHAR(30));

DESCRIBE batches;

INSERT INTO batches (id, bat\_name) VALUES (10, 'lotus'), (11, 'rose'), (12, 'jasmin');

SELECT \* FROM batches;

CREATE TABLE mentors (

id INT PRIMARY KEY,

ment\_name VARCHAR (30),

bat\_id INT,

FOREIGN KEY (bat\_id) references batches(id));

describe mentors;

insert into mentors (id, ment\_name, bat\_id) values (101, 'suresh', 10), (102, 'pugazh', 11), (103, 'sudha', 12);

select \* from mentors;

create table courses (

id int primary key,

cour\_name varchar(30),

ment\_id int,

foreign key (ment\_id) references mentors(id));

describe courses;

insert into courses (id, cour\_name, ment\_id) values (51, 'mern', 103), (52, 'fe', 102), (53, 'be', 101);

select \* from courses;

create table queries (

id int primary key,

que\_name varchar(30),

ment\_id int,

stu\_id int,

foreign key (ment\_id) references mentors(id),

foreign key (stu\_id) references students(id));

describe queries;

insert into queries (id, que\_name, ment\_id, stu\_id) values(91, 'task', 101, 1),

(92, 'class', 102, 2), (93, 'interview', 103, 3);

select \* from queries;

create table tasks (

id int primary key,

tas\_name varchar(30),

bat\_id int,

cou\_id int,

foreign key (bat\_id) references batches(id),

foreign key (cou\_id) references courses(id));

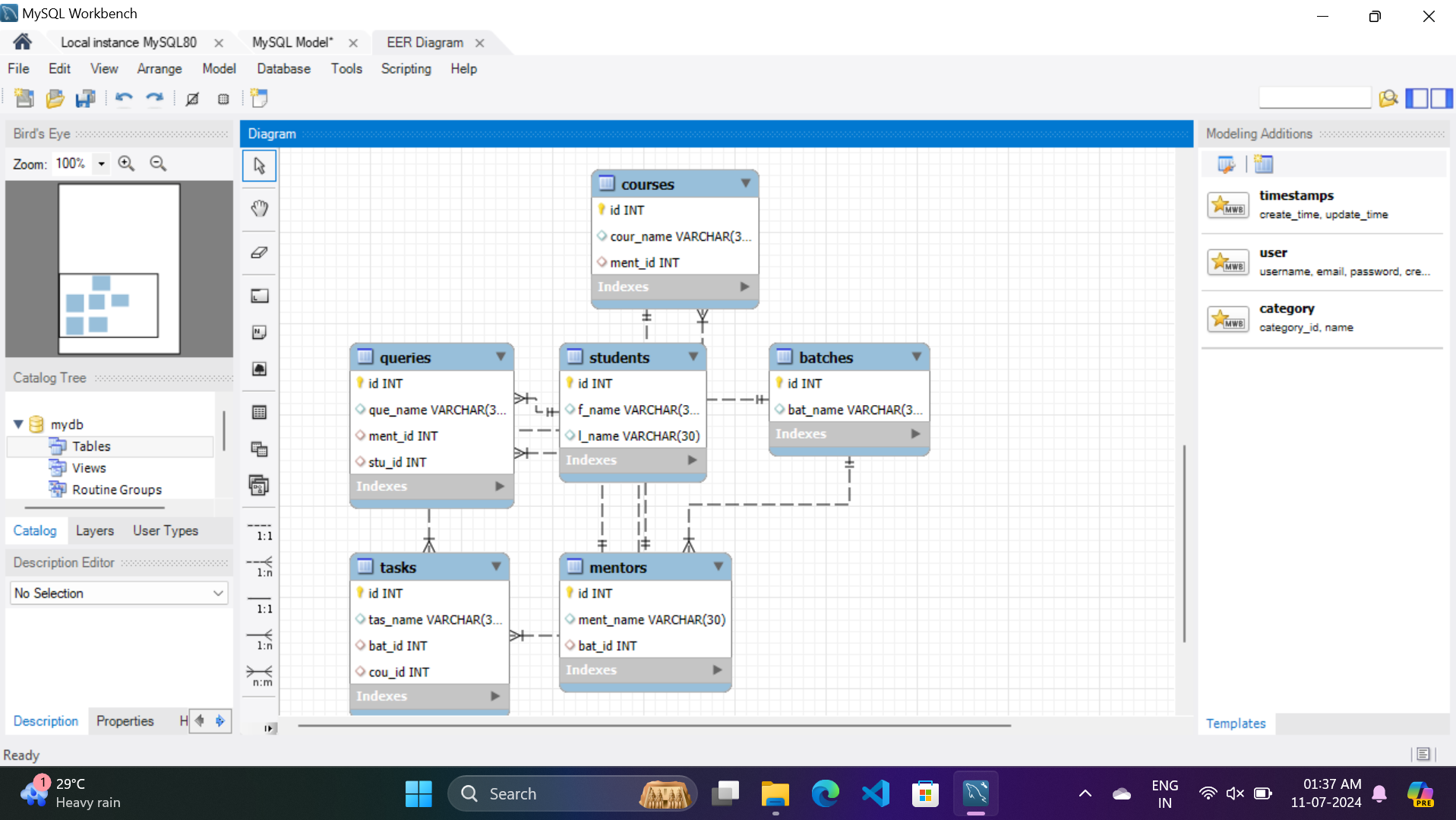
describe tasks;

insert into tasks (id, tas\_name, bat\_id, cou\_id) values (23, 'js', 10, 51),

(24, 'dom', 11, 52), (25, 'promises', 12, 53);

select \* from tasks;

**Design DB model for Guvi Zen class**

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