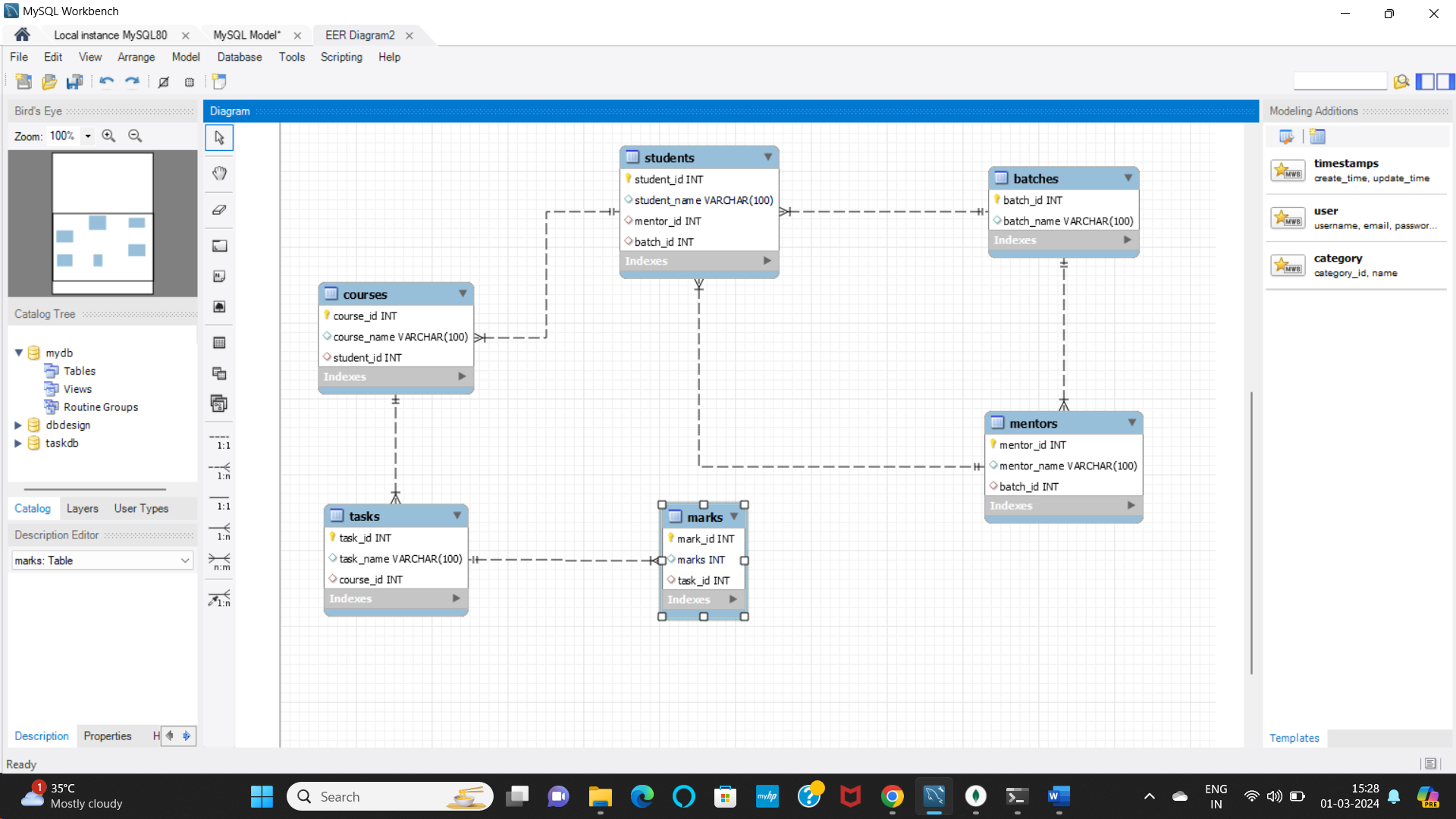
DB design using SQL workbench:



Queries for the design shown above:

* create table batches (batch\_id int primary key, batch\_name varchar(100));
* create table mentors (mentor\_id int primary key, mentor\_name varchar(100), batch\_id int, foreign key(batch\_id) references batches(batch\_id) );
* create table students (student\_id int primary key, student\_name varchar(100), mentor\_id int, foreign key(mentor\_id) references mentors(mentor\_id), batch\_id int, foreign key(batch\_id) references batches(batch\_id));
* create table courses (course\_id int primary key, course\_name varchar(100), student\_id int, foreign key(student\_id) references students(student\_id));
* create table tasks (task\_id int primary key, task\_name varchar(100), course\_id int, foreign key(course\_id) references courses(course\_id));
* create table marks (mark\_id int primary key, marks int, task\_id int, foreign key(task\_id) references tasks(task\_id) );