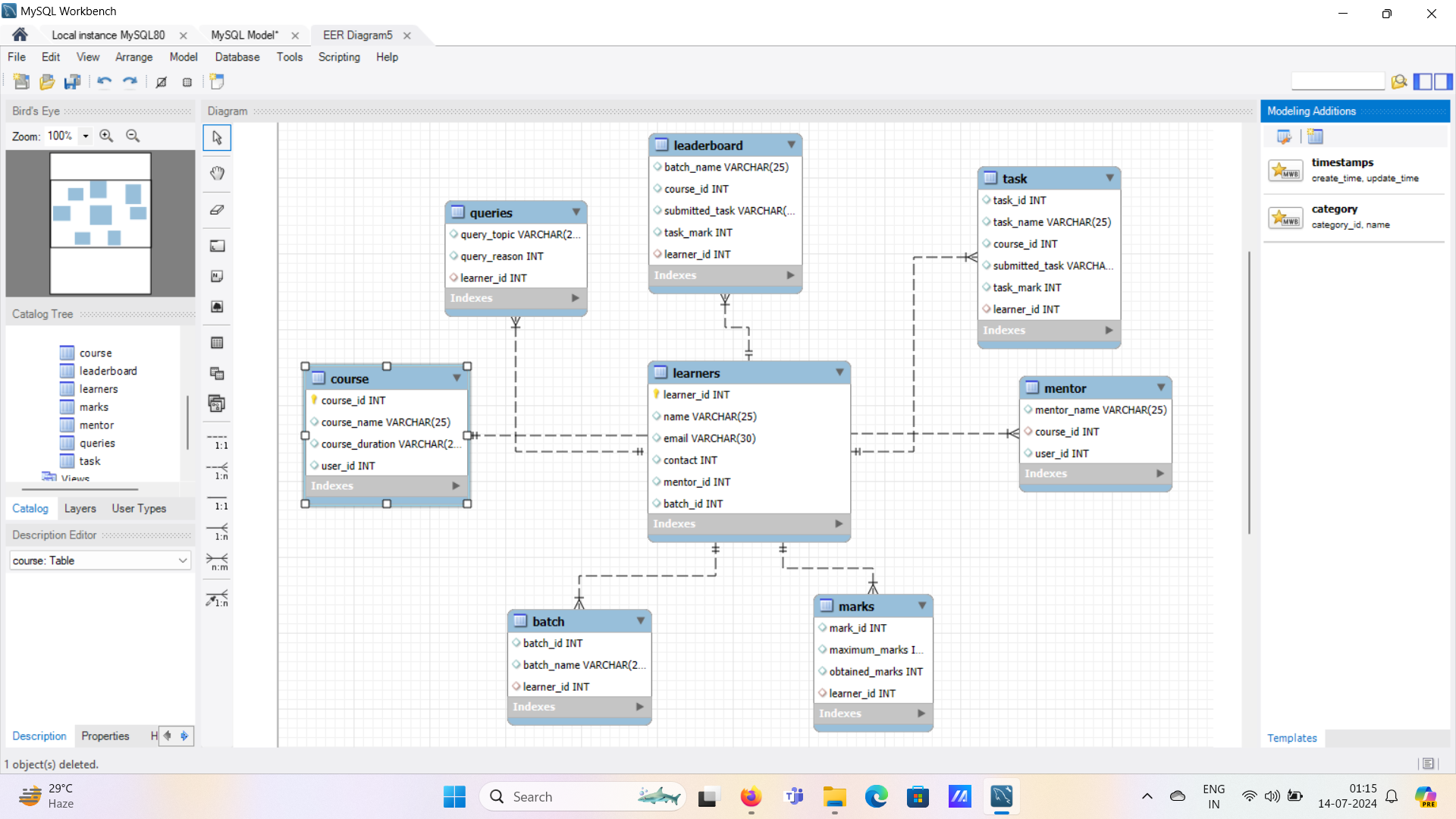
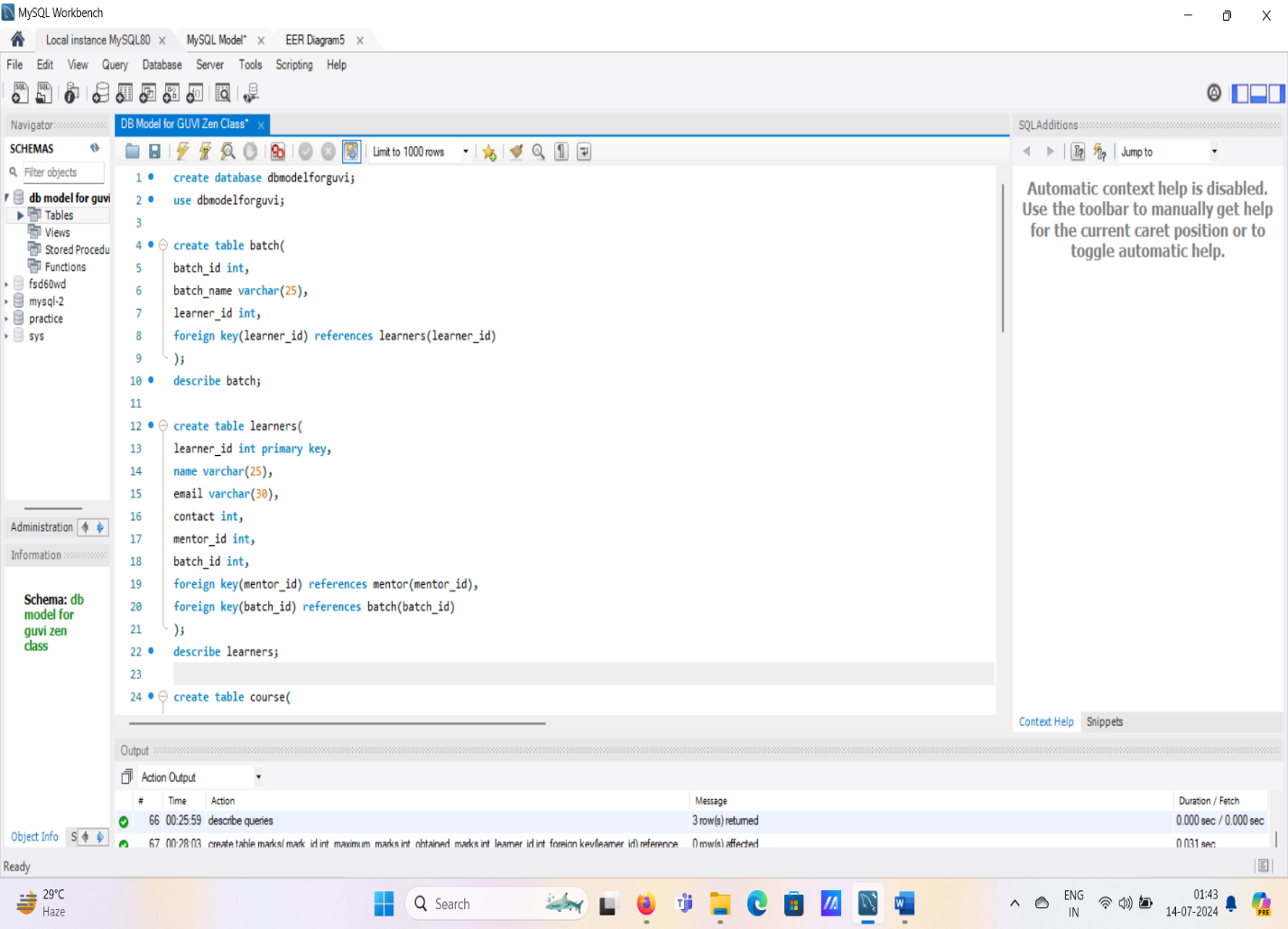
**DB Model for GUVI Zen Class**

**Reverse Engineer Diagram:**



**MySQL Workbench:**

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**MySQL Queries:**

create database **dbmodelforguvi**;  
use dbmodelfor**guvi;**

create table batch(

batch\_id int,

batch\_name varchar(25),

learner\_id int,

foreign key(learner\_id) references learners(learner\_id)

);

describe batch;

create table learners(

learner\_id int primary key,

name varchar(25),

email varchar(30),

contact int,

mentor\_id int,

batch\_id int,

foreign key(mentor\_id) references mentor(mentor\_id),

foreign key(batch\_id) references batch(batch\_id)

);

describe learners;

create table course(

course\_id int primary key,

course\_name varchar (25),

course\_duration varchar (25),

learner\_id int,

foreign key(learner\_id) references learners(learner\_id)

);

describe course;

create table mentor(

mentor\_id int primary key,

mentor\_name varchar (25),

course\_id int,

learner\_id int,

foreign key(learner\_id) references learners(learner\_id),

foreign key(course\_id) references course(course\_id)

);

describe mentor;

create table task(

task\_id int,

task\_name varchar(25),

course\_id int,

submitted\_task varchar(25),

task\_marks int,

learner\_id int,

foreign key(learner\_id) references learners(learner\_id)

);

describe task;

create table leaderboard(

batch\_name varchar(25),

course\_id int,

submitted\_task varchar(25),

task\_mark int,

learner\_id int,

foreign key(learner\_id) references learners(learner\_id),

foreign key(course\_id) references course(course\_id),

foreign key(task\_mark) references task(task\_mark)

);

describe leaderboard;

create table queries(

query\_topic varchar(25),

query\_reason varchar(25),

learner\_id int,

foreign key(learner\_id) references learners(learner\_id)

);

describe queries;

create table marks(

mark\_id int,

maximum\_marks int,

obtained\_marks int,

learner\_id int,

foreign key(learner\_id) references learners(learner\_id)

);

describe marks;