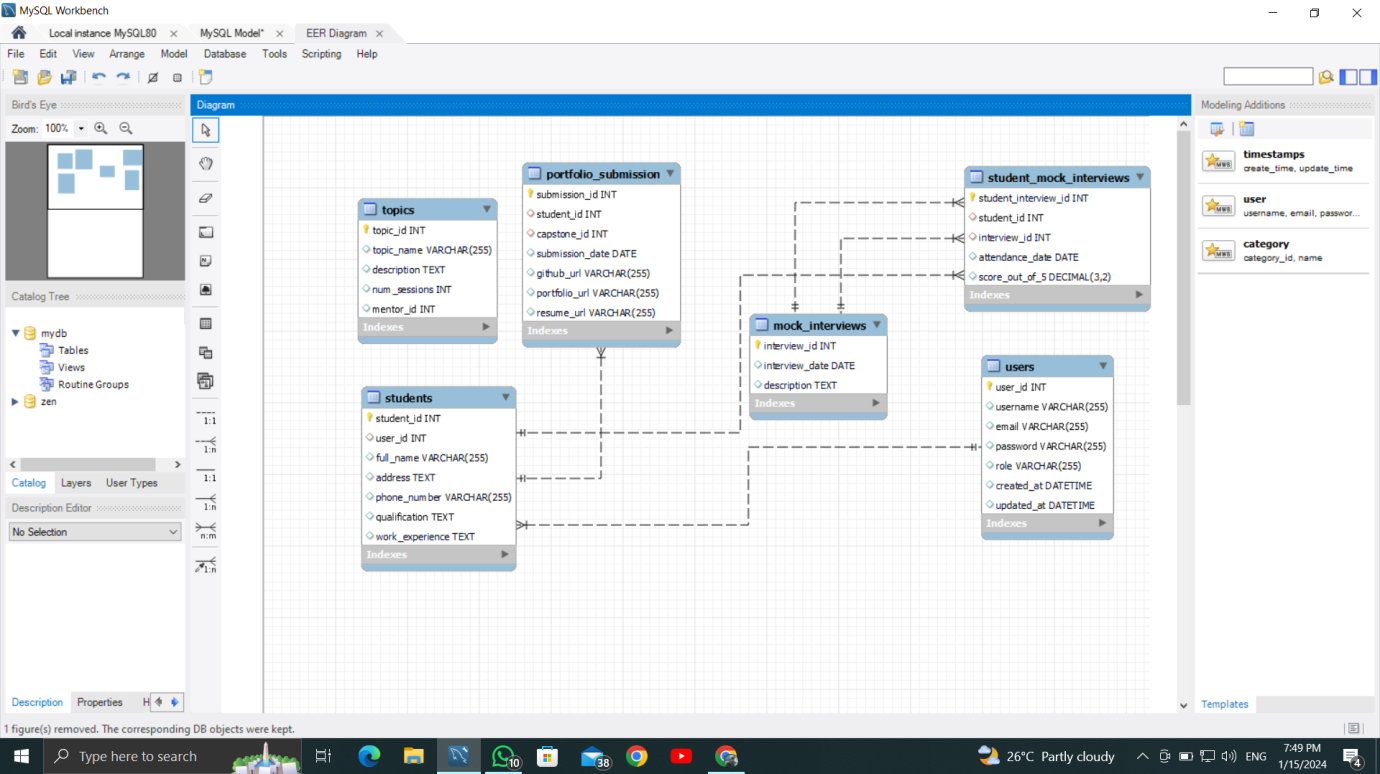
**ZEN PORTAL SAMPLE DESIGN BY USING MY SQL**

**DIAGRAM**

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**ZEN PORTAL SAMPLE DESIGN BY USING MY SQL**

**CODE**

create database zen;

use zen;

create table users(

`user\_id` INT PRIMARY KEY,

`username` VARCHAR(255),

`email` VARCHAR(255),

`password` VARCHAR(255),

`role` VARCHAR(255),

`created\_at` DATETIME DEFAULT (CURRENT\_TIMESTAMP),

`updated\_at` DATETIME

);

CREATE TABLE `students` (

`student\_id` INT PRIMARY KEY,

`user\_id` INT,

`full\_name` VARCHAR(255),

`address` TEXT,

`phone\_number` VARCHAR(255),

`qualification` TEXT,

`work\_experience` TEXT

);

CREATE TABLE `mentors` (

`mentor\_id` INT PRIMARY KEY,

`user\_id` INT,

`full\_name` VARCHAR(255),

`address` TEXT,

`phone\_number` VARCHAR(255),

`qualification` TEXT,

`work\_experience` TEXT

);

CREATE TABLE `topics` (

`topic\_id` INT PRIMARY KEY,

`topic\_name` VARCHAR(255),

`description` TEXT,

`num\_sessions` INT,

`mentor\_id` INT

);

CREATE TABLE `tasks` (

`task\_id` INT PRIMARY KEY,

`topic\_id` INT,

`task\_name` VARCHAR(255),

`description` TEXT,

`deadline` DATE

);

CREATE TABLE `attendance` (

`attendance\_id` INT PRIMARY KEY,

`user\_id` INT,

`topic\_id` INT,

`session\_date` DATE,

`status` VARCHAR(255)

);

CREATE TABLE `company\_drive` (

`drive\_id` INT PRIMARY KEY,

`company\_name` VARCHAR(255),

`drive\_date` DATE,

`description` TEXT

);

CREATE TABLE `user\_company\_drive\_attendance` (

`user\_drive\_attendance\_id` INT PRIMARY KEY,

`user\_id` INT,

`drive\_id` INT

);

CREATE TABLE `capstone` (

`capstone\_id` INT PRIMARY KEY,

`user\_id` INT,

`project\_name` VARCHAR(255),

`description` TEXT

);

CREATE TABLE `queries` (

`query\_id` INT PRIMARY KEY,

`student\_id` INT,

`mentor\_id` INT,

`topic\_id` INT,

`question` TEXT,

`answer` TEXT

);

CREATE TABLE `portfolio\_submission` (

`submission\_id` INT PRIMARY KEY,

`student\_id` INT,

`capstone\_id` INT,

`submission\_date` DATE,

`github\_url` VARCHAR(255),

`portfolio\_url` VARCHAR(255),

`resume\_url` VARCHAR(255)

);

CREATE TABLE `mock\_interviews` (

`interview\_id` INT PRIMARY KEY,

`interview\_date` DATE,

`description` TEXT

);

CREATE TABLE `student\_mock\_interviews` (

`student\_interview\_id` INT PRIMARY KEY,

`student\_id` INT,

`interview\_id` INT,

`attendance\_date` DATE,

`score\_out\_of\_5` DECIMAL(3, 2)

);

ALTER TABLE `students` ADD FOREIGN KEY (`user\_id`) REFERENCES `users` (`user\_id`);

ALTER TABLE `mentors` ADD FOREIGN KEY (`user\_id`) REFERENCES `users` (`user\_id`);

ALTER TABLE `topics` ADD FOREIGN KEY (`mentor\_id`) REFERENCES `mentors` (`mentor\_id`);

ALTER TABLE `tasks` ADD FOREIGN KEY (`topic\_id`) REFERENCES `topics` (`topic\_id`);

ALTER TABLE `attendance` ADD FOREIGN KEY (`user\_id`) REFERENCES `users` (`user\_id`);

ALTER TABLE `attendance` ADD FOREIGN KEY (`topic\_id`) REFERENCES `topics` (`topic\_id`);

ALTER TABLE `user\_company\_drive\_attendance` ADD FOREIGN KEY (`user\_id`) REFERENCES `users` (`user\_id`);

ALTER TABLE `user\_company\_drive\_attendance` ADD FOREIGN KEY (`drive\_id`) REFERENCES `company\_drive` (`drive\_id`);

ALTER TABLE `capstone` ADD FOREIGN KEY (`user\_id`) REFERENCES `users` (`user\_id`);

ALTER TABLE `queries` ADD FOREIGN KEY (`student\_id`) REFERENCES `students` (`student\_id`);

ALTER TABLE `queries` ADD FOREIGN KEY (`mentor\_id`) REFERENCES `mentors` (`mentor\_id`);

ALTER TABLE `queries` ADD FOREIGN KEY (`topic\_id`) REFERENCES `topics` (`topic\_id`);

ALTER TABLE `portfolio\_submission` ADD FOREIGN KEY (`student\_id`) REFERENCES `students` (`student\_id`);

ALTER TABLE `portfolio\_submission` ADD FOREIGN KEY (`capstone\_id`) REFERENCES `capstone` (`capstone\_id`);

ALTER TABLE `student\_mock\_interviews` ADD FOREIGN KEY (`student\_id`) REFERENCES `students` (`student\_id`);

ALTER TABLE `student\_mock\_interviews` ADD FOREIGN KEY (`interview\_id`) REFERENCES `mock\_interviews` (`interview\_id`);