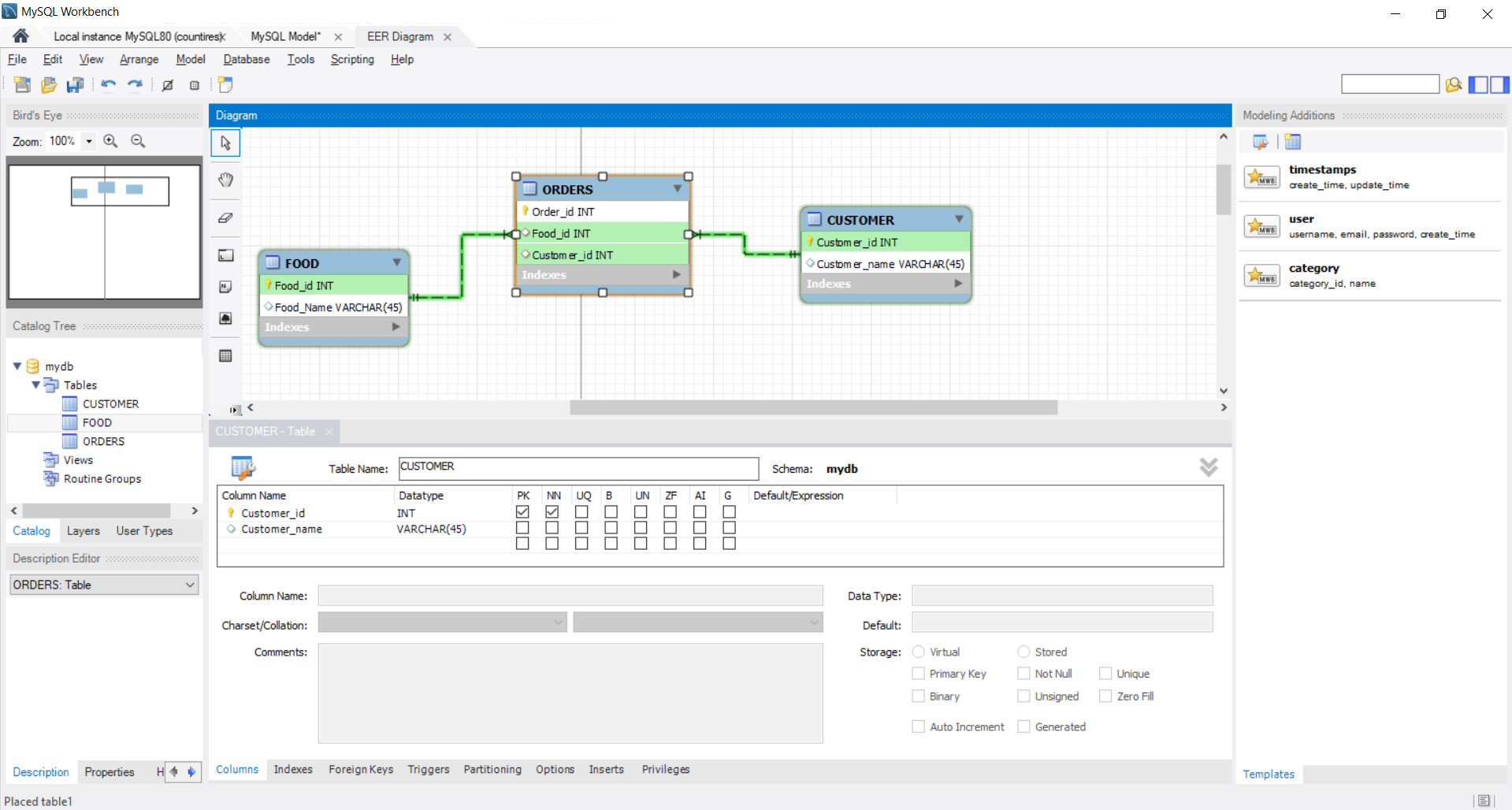
Bociat Daniel-Tiberiu

1. Create a database containing at least three tables so that the tables have relations with each other. The tables must contain both primary and foreign keys

**2)** Using the Forward Engineer-function, move the tables to a MySQL server. Server can be localhost or some network server.

As a result, show an image of the ER diagram and the last step of the Forward Engineer-command.



-- MySQL Workbench Forward Engineering

SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0;

SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0;

SET @OLD\_SQL\_MODE=@@SQL\_MODE, SQL\_MODE='ONLY\_FULL\_GROUP\_BY,STRICT\_TRANS\_TABLES,NO\_ZERO\_IN\_DATE,NO\_ZERO\_DATE,ERROR\_FOR\_DIVISION\_BY\_ZERO,NO\_ENGINE\_SUBSTITUTION';

-- -----------------------------------------------------

-- Schema mydb

-- -----------------------------------------------------

-- -----------------------------------------------------

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-- -----------------------------------------------------

CREATE SCHEMA IF NOT EXISTS `mydb` DEFAULT CHARACTER SET utf8 ;

USE `mydb` ;

-- -----------------------------------------------------

-- Table `mydb`.`FOOD`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `mydb`.`FOOD` (

`Food\_id` INT NOT NULL,

`Food\_Name` VARCHAR(45) NULL,

PRIMARY KEY (`Food\_id`))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `mydb`.`CUSTOMER`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `mydb`.`CUSTOMER` (

`Customer\_id` INT NOT NULL,

`Customer\_name` VARCHAR(45) NULL,

PRIMARY KEY (`Customer\_id`))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `mydb`.`ORDERS`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `mydb`.`ORDERS` (

`Order\_id` INT NOT NULL,

`Food\_id` INT NULL,

`Customer\_id` INT NULL,

PRIMARY KEY (`Order\_id`),

INDEX `Food\_id\_idx` (`Food\_id` ASC) VISIBLE,

INDEX `Cumsotmer\_id\_idx` (`Customer\_id` ASC) VISIBLE,

CONSTRAINT `Food\_id`

FOREIGN KEY (`Food\_id`)

REFERENCES `mydb`.`FOOD` (`Food\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `Cumsotmer\_id`

FOREIGN KEY (`Customer\_id`)

REFERENCES `mydb`.`CUSTOMER` (`Customer\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

SET SQL\_MODE=@OLD\_SQL\_MODE;

SET FOREIGN\_KEY\_CHECKS=@OLD\_FOREIGN\_KEY\_CHECKS;

SET UNIQUE\_CHECKS=@OLD\_UNIQUE\_CHECKS;

