G5-Gadekar Yograj

-- 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 university\_system

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CREATE SCHEMA IF NOT EXISTS `university\_system` DEFAULT CHARACTER SET utf8 ;

USE `university\_system` ;

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

-- Table `university\_system`.`UNIVERSITY`

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

CREATE TABLE IF NOT EXISTS `university\_system`.`UNIVERSITY` (

`uni\_id` INT NOT NULL,

`uni\_name` VARCHAR(100) NOT NULL,

`uni\_code` VARCHAR(30) NOT NULL,

`uni\_place` VARCHAR(100) NOT NULL,

`fac\_id` INT NOT NULL,

`camp\_id` INT NOT NULL,

PRIMARY KEY (`uni\_id`))

ENGINE = InnoDB;

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

-- Table `university\_system`.`CLUB`

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

CREATE TABLE IF NOT EXISTS `university\_system`.`CLUB` (

`club\_id` INT NOT NULL,

`club\_name` VARCHAR(45) NOT NULL,

`club\_place` VARCHAR(100) NOT NULL,

`club\_contact\_no` INT NOT NULL,

`club\_sport` VARCHAR(50) NOT NULL,

`camp\_id` INT NOT NULL,

PRIMARY KEY (`club\_id`))

ENGINE = InnoDB;

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

-- Table `university\_system`.`CAMPUS`

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

CREATE TABLE IF NOT EXISTS `university\_system`.`CAMPUS` (

`camp\_id` INT NOT NULL,

`camp\_name` VARCHAR(100) NOT NULL,

`camp\_address` VARCHAR(100) NOT NULL,

`camp\_distance` INT NOT NULL,

`club\_id` INT NOT NULL,

`uni\_id` INT NOT NULL,

PRIMARY KEY (`camp\_id`),

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

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

CONSTRAINT `club\_id`

FOREIGN KEY (`club\_id`)

REFERENCES `university\_system`.`CLUB` (`club\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `uni\_id`

FOREIGN KEY (`uni\_id`)

REFERENCES `university\_system`.`UNIVERSITY` (`uni\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `university\_system`.`SCHOOL`

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

CREATE TABLE IF NOT EXISTS `university\_system`.`SCHOOL` (

`school\_id` INT NOT NULL,

`school\_name` VARCHAR(50) NOT NULL,

`school\_building\_place` VARCHAR(50) NOT NULL,

`fac\_id` INT NOT NULL,

`camp\_id` INT NOT NULL,

`staff\_id` INT NOT NULL,

`prog\_id` INT NOT NULL,

PRIMARY KEY (`school\_id`),

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

CONSTRAINT `camp\_id`

FOREIGN KEY (`camp\_id`)

REFERENCES `university\_system`.`CAMPUS` (`camp\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `university\_system`.`FACULTY`

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

CREATE TABLE IF NOT EXISTS `university\_system`.`FACULTY` (

`fac\_id` INT NOT NULL,

`fac\_name` VARCHAR(50) NOT NULL,

`fac\_dean` VARCHAR(50) NOT NULL,

`fac\_building\_place` VARCHAR(50) NOT NULL,

`school\_id` INT NOT NULL,

`commity\_id` INT NOT NULL,

`uni\_id` INT NOT NULL,

PRIMARY KEY (`fac\_id`),

INDEX `fac\_id\_idx` (`uni\_id` ASC) VISIBLE,

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

CONSTRAINT `fac\_id`

FOREIGN KEY (`uni\_id`)

REFERENCES `university\_system`.`UNIVERSITY` (`uni\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `school\_id`

FOREIGN KEY (`school\_id`)

REFERENCES `university\_system`.`SCHOOL` (`school\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `university\_system`.`STUDENTS`

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

CREATE TABLE IF NOT EXISTS `university\_system`.`STUDENTS` (

`stud\_id` INT NOT NULL,

`stud\_name` VARCHAR(50) NOT NULL,

`stud\_birthdate` DATE NOT NULL,

`cours\_yearofcourse` INT NOT NULL,

`prog\_id` INT NOT NULL,

`cours\_id` INT NOT NULL,

`staff\_id` INT NOT NULL,

PRIMARY KEY (`stud\_id`),

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

CONSTRAINT `prog\_id`

FOREIGN KEY (`prog\_id`)

REFERENCES `university\_system`.`PROGRAMS` (`prog\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `university\_system`.`COURSES`

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

CREATE TABLE IF NOT EXISTS `university\_system`.`COURSES` (

`cours\_id` INT NOT NULL,

`cours\_title` VARCHAR(50) NOT NULL,

`cours\_yearofcourse` DATE NOT NULL,

`prog\_id` INT NOT NULL,

`stud\_id` INT NOT NULL,

`staff\_id` INT NOT NULL,

PRIMARY KEY (`cours\_id`),

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

CONSTRAINT `stud\_id`

FOREIGN KEY (`stud\_id`)

REFERENCES `university\_system`.`STUDENTS` (`stud\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `university\_system`.`PROGRAMS`

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

CREATE TABLE IF NOT EXISTS `university\_system`.`PROGRAMS` (

`prog\_id` INT NOT NULL,

`prog\_title` VARCHAR(100) NOT NULL,

`prog\_time` DATE NOT NULL,

`school\_id` INT NOT NULL,

`cours\_id` INT NOT NULL,

PRIMARY KEY (`prog\_id`),

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

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

CONSTRAINT `school\_id`

FOREIGN KEY (`school\_id`)

REFERENCES `university\_system`.`SCHOOL` (`school\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `cours\_id`

FOREIGN KEY (`cours\_id`)

REFERENCES `university\_system`.`COURSES` (`cours\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `university\_system`.`COMMITTES`

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

CREATE TABLE IF NOT EXISTS `university\_system`.`COMMITTES` (

`commity\_id` INT NOT NULL,

`commity\_name` VARCHAR(50) NOT NULL,

`fac\_id` INT NOT NULL,

`staff\_id` INT NOT NULL,

PRIMARY KEY (`commity\_id`),

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

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

CONSTRAINT `staff\_id`

FOREIGN KEY (`staff\_id`)

REFERENCES `university\_system`.`STAFF` (`staff\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fac\_id`

FOREIGN KEY (`fac\_id`)

REFERENCES `university\_system`.`FACULTY` (`fac\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `university\_system`.`STAFF`

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

CREATE TABLE IF NOT EXISTS `university\_system`.`STAFF` (

`staff\_id` INT NOT NULL,

`staff\_name` VARCHAR(50) NOT NULL,

`staff\_office\_name` VARCHAR(50) NOT NULL,

`stud\_id` INT NOT NULL,

`school\_id` INT NOT NULL,

`cours\_id` INT NOT NULL,

`commity\_id` INT NOT NULL,

PRIMARY KEY (`staff\_id`),

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

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

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

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

CONSTRAINT `commity\_id`

FOREIGN KEY (`commity\_id`)

REFERENCES `university\_system`.`COMMITTES` (`commity\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `school\_id`

FOREIGN KEY (`school\_id`)

REFERENCES `university\_system`.`SCHOOL` (`school\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `stud\_id`

FOREIGN KEY (`stud\_id`)

REFERENCES `university\_system`.`STUDENTS` (`stud\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `cours\_id`

FOREIGN KEY (`cours\_id`)

REFERENCES `university\_system`.`COURSES` (`cours\_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;























