-- 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';

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-- Schema mydb

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

-- Schema mydb

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

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

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

-- Schema tpfinal

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

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

-- Schema tpfinal

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

CREATE SCHEMA IF NOT EXISTS `tpfinal` DEFAULT CHARACTER SET utf8mb4 ;

USE `mydb` ;

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

-- Table `mydb`.`Usuarios`

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

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

`idtable1` INT NOT NULL,

`Usuario` VARCHAR(45) NOT NULL,

`Contraseña` VARCHAR(45) NOT NULL,

`Rol` VARCHAR(45) NOT NULL,

`Email` VARCHAR(45) NOT NULL,

PRIMARY KEY (`idtable1`))

ENGINE = InnoDB;

USE `tpfinal` ;

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

-- Table `tpfinal`.`alumno`

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

CREATE TABLE IF NOT EXISTS `tpfinal`.`alumno` (

`idAlumno` INT(11) NOT NULL,

`nombre` VARCHAR(100) NULL DEFAULT NULL,

`apellido` VARCHAR(100) NULL DEFAULT NULL,

`Usuarios\_idtable1` INT NOT NULL,

`Legajo` INT NOT NULL AUTO\_INCREMENT,

PRIMARY KEY (`idAlumno`),

INDEX `fk\_alumno\_Ususarios1\_idx` (`Usuarios\_idtable1` ASC) VISIBLE,

UNIQUE INDEX `Legajo\_UNIQUE` (`Legajo` ASC) VISIBLE,

CONSTRAINT `fk\_alumno\_Ususarios1`

FOREIGN KEY (`Usuarios\_idtable1`)

REFERENCES `mydb`.`Usuarios` (`idtable1`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4;

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

-- Table `tpfinal`.`asistencia`

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

CREATE TABLE IF NOT EXISTS `tpfinal`.`asistencia` (

`idAsistencia` INT(11) NOT NULL AUTO\_INCREMENT,

`estado` VARCHAR(50) NULL DEFAULT NULL,

PRIMARY KEY (`idAsistencia`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4;

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

-- Table `tpfinal`.`Curso`

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

CREATE TABLE IF NOT EXISTS `tpfinal`.`Curso` (

`idCurso` INT NOT NULL AUTO\_INCREMENT,

`Nombre` VARCHAR(45) NULL,

`Materias` VARCHAR(100) NULL,

`Titulo` VARCHAR(45) NULL,

`Proyecto` TINYINT NULL,

PRIMARY KEY (`idCurso`))

ENGINE = InnoDB;

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

-- Table `tpfinal`.`CursoInfo`

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

CREATE TABLE IF NOT EXISTS `tpfinal`.`CursoInfo` (

`idCursoInfo` INT(11) NOT NULL,

`FechaInicio` DATE NULL DEFAULT No definida,

`FechaFin` DATE NULL DEFAULT NULL,

`Descripcion` VARCHAR(200) NULL,

`Curso\_idCurso` INT NOT NULL,

PRIMARY KEY (`idCursoInfo`),

INDEX `fk\_CursoInfo\_Curso1\_idx` (`Curso\_idCurso` ASC) VISIBLE,

CONSTRAINT `fk\_CursoInfo\_Curso1`

FOREIGN KEY (`Curso\_idCurso`)

REFERENCES `tpfinal`.`Curso` (`idCurso`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4;

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

-- Table `tpfinal`.`docente`

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

CREATE TABLE IF NOT EXISTS `tpfinal`.`docente` (

`idDocente` INT(11) NOT NULL,

`nombre` VARCHAR(100) NULL DEFAULT NULL,

`apellido` VARCHAR(100) NULL DEFAULT NULL,

`Usuarios\_idtable1` INT NOT NULL,

`Legajo` INT NOT NULL AUTO\_INCREMENT,

PRIMARY KEY (`idDocente`, `Usuarios\_idtable1`),

INDEX `fk\_docente\_Ususarios1\_idx` (`Usuarios\_idtable1` ASC) VISIBLE,

UNIQUE INDEX `Legajo\_UNIQUE` (`Legajo` ASC) VISIBLE,

CONSTRAINT `fk\_docente\_Ususarios1`

FOREIGN KEY (`Usuarios\_idtable1`)

REFERENCES `mydb`.`Usuarios` (`idtable1`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4;

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

-- Table `tpfinal`.`horario`

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

CREATE TABLE IF NOT EXISTS `tpfinal`.`horario` (

`idHorario` INT(11) NOT NULL AUTO\_INCREMENT,

`horario` TIME NULL DEFAULT NULL,

PRIMARY KEY (`idHorario`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4;

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

-- Table `tpfinal`.`horario\_curso`

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

CREATE TABLE IF NOT EXISTS `tpfinal`.`horario\_curso` (

`idCurso` INT(11) NOT NULL,

`idHorario` INT(11) NOT NULL,

PRIMARY KEY (`idCurso`, `idHorario`),

INDEX `idHorario` (`idHorario` ASC) VISIBLE,

CONSTRAINT `horario\_curso\_ibfk\_1`

FOREIGN KEY (`idCurso`)

REFERENCES `tpfinal`.`CursoInfo` (`idCursoInfo`),

CONSTRAINT `horario\_curso\_ibfk\_2`

FOREIGN KEY (`idHorario`)

REFERENCES `tpfinal`.`horario` (`idHorario`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4;

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

-- Table `tpfinal`.`pago`

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

CREATE TABLE IF NOT EXISTS `tpfinal`.`pago` (

`idPago` INT(11) NOT NULL AUTO\_INCREMENT,

`monto` DECIMAL(10,2) NULL DEFAULT NULL,

`fechaPago` DATE NULL DEFAULT NULL,

PRIMARY KEY (`idPago`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4;

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

-- Table `tpfinal`.`Curso-Alumnos`

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

CREATE TABLE IF NOT EXISTS `tpfinal`.`Curso-Alumnos` (

`idCurso-Alumnos` INT NOT NULL AUTO\_INCREMENT,

`idCurso` INT NULL,

`asistencia\_idAsistencia` INT(11) NOT NULL,

PRIMARY KEY (`idCurso-Alumnos`, `asistencia\_idAsistencia`),

INDEX `idCurso\_idx` (`idCurso` ASC) VISIBLE,

INDEX `fk\_Curso-Alumnos\_asistencia1\_idx` (`asistencia\_idAsistencia` ASC) VISIBLE,

CONSTRAINT `idtable1`

FOREIGN KEY (`idCurso-Alumnos`)

REFERENCES `tpfinal`.`alumno` (`idAlumno`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `idCurso`

FOREIGN KEY (`idCurso`)

REFERENCES `tpfinal`.`CursoInfo` (`idCursoInfo`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_Curso-Alumnos\_asistencia1`

FOREIGN KEY (`asistencia\_idAsistencia`)

REFERENCES `tpfinal`.`asistencia` (`idAsistencia`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `tpfinal`.`inscripcion`

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

CREATE TABLE IF NOT EXISTS `tpfinal`.`inscripcion` (

`idInscripcion` INT(11) NOT NULL AUTO\_INCREMENT,

`idPago` INT(11) NULL DEFAULT NULL,

`Curso-Alumnos\_idCurso-Alumnos` INT NOT NULL,

`Curso-Alumnos\_asistencia\_idAsistencia` INT(11) NOT NULL,

PRIMARY KEY (`idInscripcion`),

INDEX `idPago` (`idPago` ASC) VISIBLE,

INDEX `fk\_inscripcion\_Curso-Alumnos1\_idx` (`Curso-Alumnos\_idCurso-Alumnos` ASC, `Curso-Alumnos\_asistencia\_idAsistencia` ASC) VISIBLE,

CONSTRAINT `inscripcion\_ibfk\_3`

FOREIGN KEY (`idPago`)

REFERENCES `tpfinal`.`pago` (`idPago`),

CONSTRAINT `fk\_inscripcion\_Curso-Alumnos1`

FOREIGN KEY (`Curso-Alumnos\_idCurso-Alumnos` , `Curso-Alumnos\_asistencia\_idAsistencia`)

REFERENCES `tpfinal`.`Curso-Alumnos` (`idCurso-Alumnos` , `asistencia\_idAsistencia`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8mb4;

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

-- Table `tpfinal`.`Docente-Curso`

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

CREATE TABLE IF NOT EXISTS `tpfinal`.`Docente-Curso` (

`curso\_idCurso` INT(11) NOT NULL,

`docente\_idDocente` INT(11) NOT NULL,

INDEX `fk\_table1\_curso1\_idx` (`curso\_idCurso` ASC) VISIBLE,

PRIMARY KEY (`docente\_idDocente`),

CONSTRAINT `fk\_table1\_curso1`

FOREIGN KEY (`curso\_idCurso`)

REFERENCES `tpfinal`.`CursoInfo` (`idCursoInfo`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fk\_table1\_docente1`

FOREIGN KEY (`docente\_idDocente`)

REFERENCES `tpfinal`.`docente` (`idDocente`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB;

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

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

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