-- MySQL Script generated by MySQL Workbench

-- Sat Feb 3 15:54:47 2018

-- Model: New Model Version: 1.0

-- 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='TRADITIONAL,ALLOW\_INVALID\_DATES';

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-- Schema mydb

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-- Schema stickning

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-- Schema stickning

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

USE `stickning` ;

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-- Table `stickning`.`Mottagare`

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DROP TABLE IF EXISTS `stickning`.`Mottagare` ;

CREATE TABLE IF NOT EXISTS `stickning`.`Mottagare` (

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

`namn` VARCHAR(45) NOT NULL,

`kontakt` VARCHAR(45) NULL DEFAULT NULL,

PRIMARY KEY (`ID`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

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-- Table `stickning`.`Kategori`

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DROP TABLE IF EXISTS `stickning`.`Kategori` ;

CREATE TABLE IF NOT EXISTS `stickning`.`Kategori` (

`namn` VARCHAR(45) NOT NULL,

PRIMARY KEY (`namn`))

ENGINE = InnoDB;

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-- Table `stickning`.`Item`

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DROP TABLE IF EXISTS `stickning`.`Item` ;

CREATE TABLE IF NOT EXISTS `stickning`.`Item` (

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

`modellTyp` VARCHAR(60) NOT NULL COMMENT 'Type of object, name of model, technique used, \"Trekantssjal uppifrån och ner\"',

`Kategori\_namn` VARCHAR(45) NOT NULL,

PRIMARY KEY (`ID`, `Kategori\_namn`),

INDEX `fk\_Item\_Kategori1\_idx` (`Kategori\_namn` ASC),

CONSTRAINT `fk\_Item\_Kategori1`

FOREIGN KEY (`Kategori\_namn`)

REFERENCES `stickning`.`Kategori` (`namn`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

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-- Table `stickning`.`Garn`

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DROP TABLE IF EXISTS `stickning`.`Garn` ;

CREATE TABLE IF NOT EXISTS `stickning`.`Garn` (

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

`nameManuf` VARCHAR(45) NULL DEFAULT NULL,

`material` VARCHAR(45) NULL DEFAULT NULL,

PRIMARY KEY (`ID`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

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-- Table `stickning`.`colour`

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DROP TABLE IF EXISTS `stickning`.`colour` ;

CREATE TABLE IF NOT EXISTS `stickning`.`colour` (

`colour` VARCHAR(45) NOT NULL,

PRIMARY KEY (`colour`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

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-- Table `stickning`.`Garn\_has\_colour`

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DROP TABLE IF EXISTS `stickning`.`Garn\_has\_colour` ;

CREATE TABLE IF NOT EXISTS `stickning`.`Garn\_has\_colour` (

`Garn\_ID` INT(11) NOT NULL,

`colour` VARCHAR(45) NOT NULL,

PRIMARY KEY (`Garn\_ID`, `colour`),

INDEX `fk\_Garn\_has\_colour\_colour1\_idx` (`colour` ASC),

CONSTRAINT `fk\_Garn\_has\_colour\_Garn1`

FOREIGN KEY (`Garn\_ID`)

REFERENCES `stickning`.`Garn` (`ID`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_Garn\_has\_colour\_colour1`

FOREIGN KEY (`colour`)

REFERENCES `stickning`.`colour` (`colour`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

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

-- Table `stickning`.`Alster`

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DROP TABLE IF EXISTS `stickning`.`Alster` ;

CREATE TABLE IF NOT EXISTS `stickning`.`Alster` (

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

`Mottagare\_ID` INT(11) NOT NULL,

`Item\_ID` INT(11) NOT NULL,

`teknik` VARCHAR(45) NULL,

`feature` VARCHAR(45) NULL,

`sticka` INT(4) NULL,

`pris` INT(11) NULL,

`start01` INT NOT NULL DEFAULT 0 COMMENT '0 - ej påbörjad, 1 - påbörjad. Trigger sätter timestamp när värdet ändras. ',

`datumStart` DATETIME NULL,

`finish01` INT NOT NULL DEFAULT 0 COMMENT '0 - inte avslutad, 1 - avslutad. Trigger - timestamp i datumAvslutad när värdet ändras.',

`datumFinish` DATETIME NULL COMMENT '\"\nCREATE TRIGGER `my\_table\_bi` \nBEFORE INSERT ON `my\_table` FOR EACH ROW\nBEGIN\n SET NEW.created\_date = NOW();\nEND;;\nDELIMITER ;',

`Garn\_has\_colour\_Garn\_ID` INT(11) NOT NULL,

`Garn\_has\_colour\_colour` VARCHAR(45) NOT NULL,

PRIMARY KEY (`ID`, `Mottagare\_ID`, `Item\_ID`, `Garn\_has\_colour\_Garn\_ID`, `Garn\_has\_colour\_colour`),

INDEX `fk\_Alster\_Mottagare1\_idx` (`Mottagare\_ID` ASC),

INDEX `fk\_Alster\_Item1\_idx` (`Item\_ID` ASC),

INDEX `fk\_Alster\_Garn\_has\_colour1\_idx` (`Garn\_has\_colour\_Garn\_ID` ASC, `Garn\_has\_colour\_colour` ASC),

CONSTRAINT `fk\_Alster\_Mottagare1`

FOREIGN KEY (`Mottagare\_ID`)

REFERENCES `stickning`.`Mottagare` (`ID`)

ON DELETE NO ACTION

ON UPDATE CASCADE,

CONSTRAINT `fk\_Alster\_Item1`

FOREIGN KEY (`Item\_ID`)

REFERENCES `stickning`.`Item` (`ID`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_Alster\_Garn\_has\_colour1`

FOREIGN KEY (`Garn\_has\_colour\_Garn\_ID` , `Garn\_has\_colour\_colour`)

REFERENCES `stickning`.`Garn\_has\_colour` (`Garn\_ID` , `colour`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

USE `stickning`;

DELIMITER $$

USE `stickning`$$

DROP TRIGGER IF EXISTS `stickning`.`Alster\_start01\_BEFORE\_UPDATE` $$

USE `stickning`$$

CREATE DEFINER = CURRENT\_USER TRIGGER `Alster\_start01\_BEFORE\_UPDATE` BEFORE UPDATE ON `Alster` FOR EACH ROW

BEGIN

IF (NEW.start01) > (OLD.start01)

THEN SET NEW.datumStart=NOW();

END IF;

if (NEW.finish01) > (OLD.finish01)

THEN SET NEW.datumFinish=NOW();

end if;

END$$

DELIMITER ;

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

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

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