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

USE `mydb` ;

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-- Table `mydb`.`animals`

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

`id\_animal` INT NOT NULL,

`name\_a` VARCHAR(45) NULL,

`nickname\_if\_exist` VARCHAR(45) NULL,

`breed` VARCHAR(45) NULL,

`age` INT NULL,

`sex` VARCHAR(45) NULL,

`animal\_category\_id` INT NULL,

`animalscol` VARCHAR(45) NULL,

PRIMARY KEY (`id\_animal`))

ENGINE = InnoDB;

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-- Table `mydb`.`list\_item`

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CREATE TABLE IF NOT EXISTS `mydb`.`list\_item` (

`id\_an\_tr` INT NOT NULL,

`workers\_id` INT NULL,

`animals\_id` INT NULL,

`animals\_id\_animal` INT NOT NULL,

PRIMARY KEY (`id\_an\_tr`, `animals\_id\_animal`),

INDEX `fk\_list\_item\_animals1\_idx` (`animals\_id\_animal` ASC) VISIBLE,

CONSTRAINT `fk\_list\_item\_animals1`

FOREIGN KEY (`animals\_id\_animal`)

REFERENCES `mydb`.`animals` (`id\_animal`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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-- Table `mydb`.`worker\_and\_tool`

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CREATE TABLE IF NOT EXISTS `mydb`.`worker\_and\_tool` (

`id` INT NOT NULL,

`worker\_id` INT NULL,

`tool\_id` INT NULL,

PRIMARY KEY (`id`))

ENGINE = InnoDB;

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-- Table `mydb`.`workers`

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

`id\_worker` INT NOT NULL,

`name\_w` VARCHAR(45) NULL,

`surname` VARCHAR(45) NULL,

`salary` VARCHAR(45) NULL,

`years\_of\_work` VARCHAR(45) NULL,

`category\_id` VARCHAR(45) NULL,

`list\_item\_id\_an\_tr` INT NOT NULL,

`worker\_and\_tool\_id` INT NOT NULL,

PRIMARY KEY (`id\_worker`, `list\_item\_id\_an\_tr`, `worker\_and\_tool\_id`),

INDEX `fk\_workers\_list\_item1\_idx` (`list\_item\_id\_an\_tr` ASC) VISIBLE,

INDEX `fk\_workers\_worker\_and\_tool1\_idx` (`worker\_and\_tool\_id` ASC) VISIBLE,

CONSTRAINT `fk\_workers\_list\_item1`

FOREIGN KEY (`list\_item\_id\_an\_tr`)

REFERENCES `mydb`.`list\_item` (`id\_an\_tr`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_workers\_worker\_and\_tool1`

FOREIGN KEY (`worker\_and\_tool\_id`)

REFERENCES `mydb`.`worker\_and\_tool` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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-- Table `mydb`.`category\_workers`

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CREATE TABLE IF NOT EXISTS `mydb`.`category\_workers` (

`id\_category` INT NOT NULL,

`professia` VARCHAR(45) NULL,

`workers\_id\_worker` INT NOT NULL,

PRIMARY KEY (`id\_category`, `workers\_id\_worker`),

INDEX `fk\_category\_workers\_workers\_idx` (`workers\_id\_worker` ASC) VISIBLE,

CONSTRAINT `fk\_category\_workers\_workers`

FOREIGN KEY (`workers\_id\_worker`)

REFERENCES `mydb`.`workers` (`id\_worker`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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-- Table `mydb`.`tools`

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

`id\_tools` INT NOT NULL,

`name\_t` VARCHAR(45) NULL,

`quantity\_t` VARCHAR(45) NULL,

`cost` VARCHAR(45) NULL,

`material` VARCHAR(45) NULL,

`worker\_and\_tool\_id` INT NOT NULL,

PRIMARY KEY (`id\_tools`, `worker\_and\_tool\_id`),

INDEX `fk\_tools\_worker\_and\_tool1\_idx` (`worker\_and\_tool\_id` ASC) VISIBLE,

CONSTRAINT `fk\_tools\_worker\_and\_tool1`

FOREIGN KEY (`worker\_and\_tool\_id`)

REFERENCES `mydb`.`worker\_and\_tool` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `mydb`.`animals\_category`

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CREATE TABLE IF NOT EXISTS `mydb`.`animals\_category` (

`id\_a\_c` INT NOT NULL,

`individuals\_of\_the\_animals` VARCHAR(45) NULL,

`animals\_id\_animal` INT NOT NULL,

PRIMARY KEY (`id\_a\_c`, `animals\_id\_animal`),

INDEX `fk\_animals\_category\_animals1\_idx` (`animals\_id\_animal` ASC) VISIBLE,

CONSTRAINT `fk\_animals\_category\_animals1`

FOREIGN KEY (`animals\_id\_animal`)

REFERENCES `mydb`.`animals` (`id\_animal`)

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;