-- Model: Caves   Version: 1.1 – 07.05.2024

-- 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

-- ---

-- ---

-- Schema mydb

-- ---

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

USE `mydb` ;

-- ---

-- Table `mydb`.`products`

-- ---

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

  `id` INT UNSIGNED NOT NULL AUTO_INCREMENT,

  `prdct_name` VARCHAR(45) NOT NULL,

  `price` FLOAT NOT NULL,

  `stock` INT NOT NULL,

  PRIMARY KEY (`id`),

  UNIQUE INDEX `id_products_UNIQUE` (`id` ASC) VISIBLE)

ENGINE = InnoDB;

-- ---

```sql
-- Table `mydb`.`users`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `mydb`.`users` (
  `id` INT UNSIGNED NOT NULL AUTO_INCREMENT,
  `name` VARCHAR(20) NOT NULL,
  `firstname` VARCHAR(20) NOT NULL,
  `company name` VARCHAR(45) NULL,
  `e-mail` VARCHAR(255) NOT NULL,
  `phone` VARCHAR(255) NOT NULL,
  `street` VARCHAR(20) NOT NULL,
  `building_number` VARCHAR(10) NOT NULL,
  `postal_code` INT NOT NULL,
  `city` VARCHAR(20) NOT NULL,
  `canton` VARCHAR(15) NOT NULL,
  `register_date` DATE NOT NULL,
  `updated_date` DATE NOT NULL,
  `password` VARCHAR(255) NOT NULL,
  PRIMARY KEY (`id`),
  UNIQUE INDEX `e-mail_UNIQUE` (`e-mail` ASC) VISIBLE,
  UNIQUE INDEX `idusers_UNIQUE` (`id` ASC) VISIBLE)
ENGINE = InnoDB;


-- -----------------------------------------------------
-- Table `mydb`.`photos`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `mydb`.`photos` (
  `id` INT UNSIGNED NOT NULL AUTO_INCREMENT,
  `img_name` VARCHAR(45) NOT NULL,
  `url` VARCHAR(255) NOT NULL,
  `description` VARCHAR(255) NULL,
```

```
  `products_id_products` INT NOT NULL,

  PRIMARY KEY (`id`),

  INDEX `fk_photos_products_idx` (`products_id_products` ASC) VISIBLE,

  UNIQUE INDEX `idphotos_UNIQUE` (`id` ASC) VISIBLE,

  CONSTRAINT `fk_photos_products`

    FOREIGN KEY (`products_id_products`)

    REFERENCES `mydb`.`products` (`id`)

    ON DELETE NO ACTION

    ON UPDATE NO ACTION)

ENGINE = InnoDB;




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

-- Table `mydb`.`categories`

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

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

  `id` INT UNSIGNED NOT NULL AUTO_INCREMENT,

  `name_category` VARCHAR(20) NOT NULL,

  `autre_category` VARCHAR(20) NULL,

  `products_id_products` INT UNSIGNED NOT NULL,

  PRIMARY KEY (`id`),

  UNIQUE INDEX `idcategories_UNIQUE` (`id` ASC) VISIBLE,

  INDEX `fk_categories_products1_idx` (`products_id_products` ASC) VISIBLE,

  CONSTRAINT `fk_categories_products1`

    FOREIGN KEY (`products_id_products`)

    REFERENCES `mydb`.`products` (`id`)

    ON DELETE NO ACTION

    ON UPDATE NO ACTION)

ENGINE = InnoDB;
```

```sql
-- -----------------------------------------------------
-- Table `mydb`.`announcements`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `mydb`.`announcements` (
  `id` INT UNSIGNED NOT NULL AUTO_INCREMENT,
  `title` VARCHAR(45) NOT NULL,
  `situation` VARCHAR(10) NOT NULL,
  `creation_date` DATE NOT NULL,
  `update_date` DATE NOT NULL,
  `delete_date` DATE NOT NULL,
  `users_idusers` INT UNSIGNED NOT NULL,
  `products_id` INT UNSIGNED NOT NULL,
  PRIMARY KEY (`id`),
  UNIQUE INDEX `idannouncements_UNIQUE` (`id` ASC) VISIBLE,
  INDEX `fk_announcements_users1_idx` (`users_idusers` ASC) VISIBLE,
  INDEX `fk_announcements_products1_idx` (`products_id` ASC) VISIBLE,
  CONSTRAINT `fk_announcements_users1`
    FOREIGN KEY (`users_idusers`)
    REFERENCES `mydb`.`users` (`id`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION,
  CONSTRAINT `fk_announcements_products1`
    FOREIGN KEY (`products_id`)
    REFERENCES `mydb`.`products` (`id`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB;


-- -----------------------------------------------------
```

-- Table `mydb`.`messages`

-- ---

DROP TABLE IF EXISTS `mydb`.`messages` ;

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

  `id` INT UNSIGNED NOT NULL AUTO_INCREMENT,

  `buyer_id` INT UNSIGNED NOT NULL,

  `seller_id` INT UNSIGNED NOT NULL,

  `announcement_id` INT UNSIGNED NOT NULL,

  `message_text` VARCHAR(255) NOT NULL,

  `sent_time` TIMESTAMP NOT NULL DEFAULT CURRENT_TIMESTAMP,

  PRIMARY KEY (`id`),

  INDEX `fk_messages_sender_id_idx` (`buyer_id` ASC) VISIBLE,

  INDEX `fk_messages_receiver_id_idx` (`seller_id` ASC) VISIBLE,

  INDEX `fk_messages_announcement_id_idx` (`announcement_id` ASC) VISIBLE,

  UNIQUE INDEX `id_UNIQUE` (`id` ASC) VISIBLE,

  CONSTRAINT `fk_messages_sender`

   FOREIGN KEY (`buyer_id`)

   REFERENCES `mydb`.`users` (`id`)

   ON DELETE CASCADE

   ON UPDATE NO ACTION,

  CONSTRAINT `fk_messages_receiver`

   FOREIGN KEY (`seller_id`)

   REFERENCES `mydb`.`users` (`id`)

   ON DELETE CASCADE

   ON UPDATE NO ACTION,

  CONSTRAINT `fk_messages_announcement`

   FOREIGN KEY (`announcement_id`)

   REFERENCES `mydb`.`announcements` (`id`)

   ON DELETE CASCADE

   ON UPDATE NO ACTION)

ENGINE = InnoDB;

```sql
-- -----------------------------------------------------
-- Table `mydb`.`comments`
-- -----------------------------------------------------
CREATE TABLE IF NOT EXISTS `mydb`.`comments` (
  `id` INT UNSIGNED NOT NULL AUTO_INCREMENT,
  `comment_text` VARCHAR(255) NOT NULL,
  `comment_time` DATE NOT NULL,
  `users_id` INT UNSIGNED NOT NULL,
  PRIMARY KEY (`id`),
  UNIQUE INDEX `idcomments_UNIQUE` (`id` ASC) VISIBLE,
  INDEX `fk_comments_users1_idx` (`users_id` ASC) VISIBLE,
  CONSTRAINT `fk_comments_users1`
    FOREIGN KEY (`users_id`)
    REFERENCES `mydb`.`users` (`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;
```