**Database actions**

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| Create schema | CREATE SCHEMA `shop` ; |
| Create table users | CREATE TABLE `shop`.`users` (  user\_id BIGINT AUTO\_INCREMENT NOT NULL,  name VARCHAR(30) NOT NULL,  password VARCHAR(32) NOT NULL,  email VARCHAR(30) NOT NULL,  phone VARCHAR(15),  type VARCHAR(10) NOT NULL,  balance DOUBLE,  PRIMARY KEY(user\_id)  )ENGINE=InnoDB |
| Create table categories | CREATE TABLE `shop`.`categories` (  category\_name VARCHAR(15) NOT NULL,  category\_order INT NOT NULL,  PRIMARY KEY(category\_name)  )ENGINE=InnoDB |
| Create table  products | CREATE TABLE `shop`.`products` (  product\_id BIGINT AUTO\_INCREMENT NOT NULL,  product\_name VARCHAR(25) NOT NULL,  price DOUBLE,  short\_description VARCHAR(500) NOT NULL,  long\_description TEXT NOT NULL,  content\_care VARCHAR(300) NOT NULL,  size\_fit VARCHAR(300) NOT NULL,  category VARCHAR(15),  discount TINYINT(3) NOT NULL,  sale\_end DATETIME,  image\_path VARCHAR(50) NOT NULL,  image\_count TINYINT(2) NOT NULL,  is\_limited TINYINT(2) NOT NULL,  is\_available TINYINT(1) NOT NULL,  brand\_name VARCHAR(15) NOT NULL,  FOREIGN KEY(category) REFERENCES categories (category\_name)  ON DELETE SET NULL,  PRIMARY KEY(product\_id)  )ENGINE=InnoDB |
| Create table wishlist as user created (query) | CREATE TABLE `shop`.`wishlist #1` (  product\_id BIGINT,  size VARCHAR(3) NOT NULL,  color VARCHAR(20) NOT NULL,  FOREIGN KEY(product\_id) REFERENCES products(product\_id)  ON DELETE SET NULL  )ENGINE=InnoDB |
| Create table details as new product is added to products(query) | CREATE TABLE `shop`.`details #1` (  size VARCHAR(3) NOT NULL,  color VARCHAR(20) NOT NULL,  amount TINYINT  )ENGINE=InnoDB |
| Create table orders | CREATE TABLE `shop`.`orders` (  order\_id BIGINT AUTO\_INCREMENT NOT NULL,  user\_id BIGINT NOT NULL,  address VARCHAR(30) NOT NULL,  name VARCHAR(30) NOT NULL,  phone VARCHAR(15) NOT NULL,  email VARCHAR(30) NOT NULL,  credit\_card\_id VARCHAR(30) NOT NULL,  cc\_verification\_code VARCHAR(10) NOT NULL,  is\_applied TINYINT(1) NOT NULL,  is\_payed TINYINT(1) NOT NULL,  is\_delivered TINYINT(1) NOT NULL,  is\_received TINYINT(1) NOT NULL,  FOREIGN KEY(user\_id) REFERENCES users(user\_id) ON DELETE CASCADE,  PRIMARY KEY(order\_id)  )ENGINE=InnoDB |
| Create table order as new order is created (query) | CREATE TABLE `shop`.`order #1` (  product\_id BIGINT NOT NULL,  size VARCHAR(3) NOT NULL,  color VARCHAR(20) NOT NULL,  amount TINYINT NOT NULL,  price DOUBLE NOT NULL  )ENGINE=InnoDB |
| Create table articles | CREATE TABLE `shop`.`articles` (  article\_id BIGINT AUTO\_INCREMENT NOT NULL,  caption VARCHAR(50) NOT NULL,  site VARCHAR(30) NOT NULL,  content TEXT NOT NULL,  PRIMARY KEY(article\_id)  )ENGINE=InnoDB |
| Create table client\_comments | CREATE TABLE `shop`.`client\_comments` (  comment\_id BIGINT AUTO\_INCREMENT NOT NULL,  issue VARCHAR(30) NOT NULL,  email VARCHAR(30) NOT NULL,  content TEXT NOT NULL,  PRIMARY KEY (comment\_id)  )ENGINE=InnoDB |