Introduction

The past recent years, the Internet has increasingly become the best channels for the collecting information and gradually into the traditional circulation. so e-commerce began to pop up, e-commerce has become a very popular topic. The online shopping has become today's society a more popular way of shopping, users can quickly find their favorite goods, making shopping easier, faster and convenient online store has achieved great success. For example, we are more familiar with Amazon. PHP and MySQL combination has become all business, the company is a general technical solution adopted. Some SMEs due to the cost of technology and other issues, has been using the old system, the emergence of PHP and MySQL combination has become the ideal solution for building online shopping system.

Delete function: 1)admin delete product

DROP PROCEDURE IF EXISTS Project.deleteProduct;

CREATE DEFINER=`Project`@`%` PROCEDURE `deleteProduct`(IN productID INT)

BEGIN

IF exists (select \* from Project.product

where Project.product.product\_id = productID

)

THEN

set @quantity\_sizeID = (select Project.product.size from Project. quantity\_size

where Project.product.product\_id = productID

);

set @categoryID = (select Project.product.category\_id from Project.product

where Project.product.product\_id = productID);

delete from quantity\_size where size = @ quantity\_sizeID;

delete from category where category\_id = @categoryID;

ELSE

select "error occurred" as result;

END IF;

END;

2)user delete product in cart

DROP PROCEDURE IF EXISTS Project.deleteProduct;

CREATE DEFINER=`Project`@`%` PROCEDURE `deleteCart`(IN cartID INT)

BEGIN

IF exists (select \* from Project.cart

where Project.cart.cart\_id = cartID )

THEN

set @product\_ID = (select Project.cart.product\_id from Project.cart

where Project.cart.cart\_id = cartID

);

set @user\_ID = (select Project.cart.user\_id from Project.cart

where Project.cart.cart\_id = cartID);

delete from product where product\_id = @product\_ID;

delete from user where user\_id = @user\_ID;

ELSE

select "error occurred" as result;

END IF;

END;

Trigger:

1.Update cart count and price:

2.Only after sign up then you can shop online.

Constraint:

1.Alter table user

add constraint user\_password

Check(6<=len(User\_password))and User\_password<>UserId

2.Add constraint UQ\_user\_name unique(user\_name)

3.add constraint CK\_gender check(gender=‘male ’or gender=‘female’)

4.Type int(10) DEFAULT NULL COMMENT ‘TYPE’(1: admin, 2: user)

Customer Business Rules:

1.A user find goods by category.//Quick check of goods: According to the query conditions, quickly query the goods.

2 (If the user registers, they can shop online)

3 view user order information.

4 modify user personal information.

