CREATE TABLE `test`.`member` (

`id` VARCHAR(16) NOT NULL,

`username` VARCHAR(16) NOT NULL,

`realname` VARCHAR(64) NOT NULL,

`password` VARCHAR(16) NOT NULL,

`email` VARCHAR(64) NOT NULL,

`sex` VARCHAR(1) NOT NULL,

`birthday` DATE NOT NULL,

`phone` VARCHAR(10) NULL,

`information` VARCHAR(4096) NULL,

`permission` BOOLEAN NOT NULL,

PRIMARY KEY (`id`)

UNIQUE(username));

====================================

CREATE TABLE `test`.`order` (

`id` VARCHAR(16) NOT NULL,

`state` VARCHAR(16) NOT NULL,

`is\_paid` BOOLEAN NOT NULL,

`cost` DOUBLE NOT NULL,

`time` DATE NOT NULL,

`member\_id` VARCHAR(16) NOT NULL,

PRIMARY KEY (`id`),

INDEX `member\_id\_idx` (`member\_id` ASC),

CONSTRAINT `member\_id`

FOREIGN KEY (`member\_id`)

REFERENCES `test`.`member` (`id`)

ON DELETE RESTRICT

ON UPDATE CASCADE);

=====================================

CREATE TABLE `test`.`staff` (

`id` VARCHAR(16) NOT NULL,

`username` VARCHAR(16) NOT NULL,

`realname` VARCHAR(64) NOT NULL,

`password` VARCHAR(16) NOT NULL,

`email` VARCHAR(64) NOT NULL,

`birthday` DATE NOT NULL,

`sex` VARCHAR(1) NOT NULL,

`phone` VARCHAR(10) NOT NULL,

`permission` Boolean NOT NULL,

PRIMARY KEY (`id`));

=================================

CREATE TABLE `test`.`good\_type` (

`id` VARCHAR(16) NOT NULL,

`size` VARCHAR(4) NOT NULL,

`state` VARCHAR(16) NOT NULL,

PRIMARY KEY (`id`));

=================================

CREATE TABLE `test`.`activity` (

`id` VARCHAR(16) NOT NULL,

`type` VARCHAR(64) NOT NULL,

`condition` VARCHAR(16) NOT NULL,

`discount` DOUBLE NOT NULL,

`good\_type\_id` VARCHAR(16) NOT NULL,

`staff\_id` VARCHAR(16) NOT NULL,

PRIMARY KEY (`id`),

INDEX `good\_type\_id\_idx` (`good\_type\_id` ASC),

INDEX `staff\_id\_idx` (`staff\_id` ASC),

CONSTRAINT `good\_type\_id`

FOREIGN KEY (`good\_type\_id`)

REFERENCES `test`.`good\_type` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `staff\_id`

FOREIGN KEY (`staff\_id`)

REFERENCES `test`.`staff` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION);

=============================

CREATE TABLE `test`.`goods` (

`id` VARCHAR(16) NOT NULL,

`name` VARCHAR(1048) NOT NULL,

`description` VARCHAR(4096) NULL,

`state` VARCHAR(16) NOT NULL,

`time` DATE NOT NULL,

`member\_id` VARCHAR(16) NOT NULL,

`goods\_type\_id` VARCHAR(16) NOT NULL,

PRIMARY KEY (`id`),

INDEX `member\_id\_idx` (`member\_id` ASC),

INDEX `goods\_type\_id\_idx` (`goods\_type\_id` ASC),

FOREIGN KEY (`member\_id`)

REFERENCES `test`.`member` (`id`),

FOREIGN KEY (`goods\_type\_id`)

REFERENCES `test`.`good\_type` (`id`)

);

===================================

CREATE TABLE `test`.`comment` (

`id` VARCHAR(16) NOT NULL,

`message` VARCHAR(4096) NOT NULL,

`time` DATE NULL,

`member\_id` VARCHAR(16) NOT NULL,

`goods\_id` VARCHAR(16) NOT NULL,

PRIMARY KEY (`id`),

INDEX `member\_id\_idx` (`member\_id` ASC),

INDEX `goods\_id\_idx` (`goods\_id` ASC),

FOREIGN KEY (`member\_id`)

REFERENCES `test`.`member` (`id`),

FOREIGN KEY (`goods\_id`)

REFERENCES `test`.`goods` (`id`)

);

=====================================

CREATE TABLE `test`.`shopping\_cart` (

`id` VARCHAR(16) NOT NULL,

`amount` INT NOT NULL,

`member\_id` VARCHAR(16) NOT NULL,

`goods\_id` VARCHAR(16) NOT NULL,

PRIMARY KEY (`id`),

INDEX `member\_id\_idx` (`member\_id` ASC),

INDEX `goods\_id\_idx` (`goods\_id` ASC),

FOREIGN KEY (`member\_id`)

REFERENCES `test`.`member` (`id`),

FOREIGN KEY (`goods\_id`)

REFERENCES `test`.`goods` (`id`)

);

=======================================

CREATE TABLE `test`.`order\_item` (

`id` VARCHAR(16) NOT NULL,

`order\_id` VARCHAR(16) NOT NULL,

`goods\_id` VARCHAR(16) NOT NULL,

PRIMARY KEY (`id`),

INDEX `goods\_id\_idx` (`goods\_id` ASC),

INDEX `order\_id\_idx` (`order\_id` ASC),

FOREIGN KEY (`order\_id`)

REFERENCES `test`.`order` (`id`),

FOREIGN KEY (`goods\_id`)

REFERENCES `test`.`goods` (`id`)

);

====================================

CREATE TABLE `test`.`rating` (

`id` VARCHAR(16) NOT NULL,

`score` INT NOT NULL,

`message` VARCHAR(4096) NULL,

`time` DATE NOT NULL,

`order\_id` VARCHAR(16) NOT NULL,

`member\_id` VARCHAR(16) NOT NULL,

PRIMARY KEY (`id`),

INDEX `order\_id\_idx` (`order\_id` ASC),

INDEX `member\_id\_idx` (`member\_id` ASC),

FOREIGN KEY (`order\_id`)

REFERENCES `test`.`order` (`id`),

FOREIGN KEY (`member\_id`)

REFERENCES `test`.`member` (`id`)

);