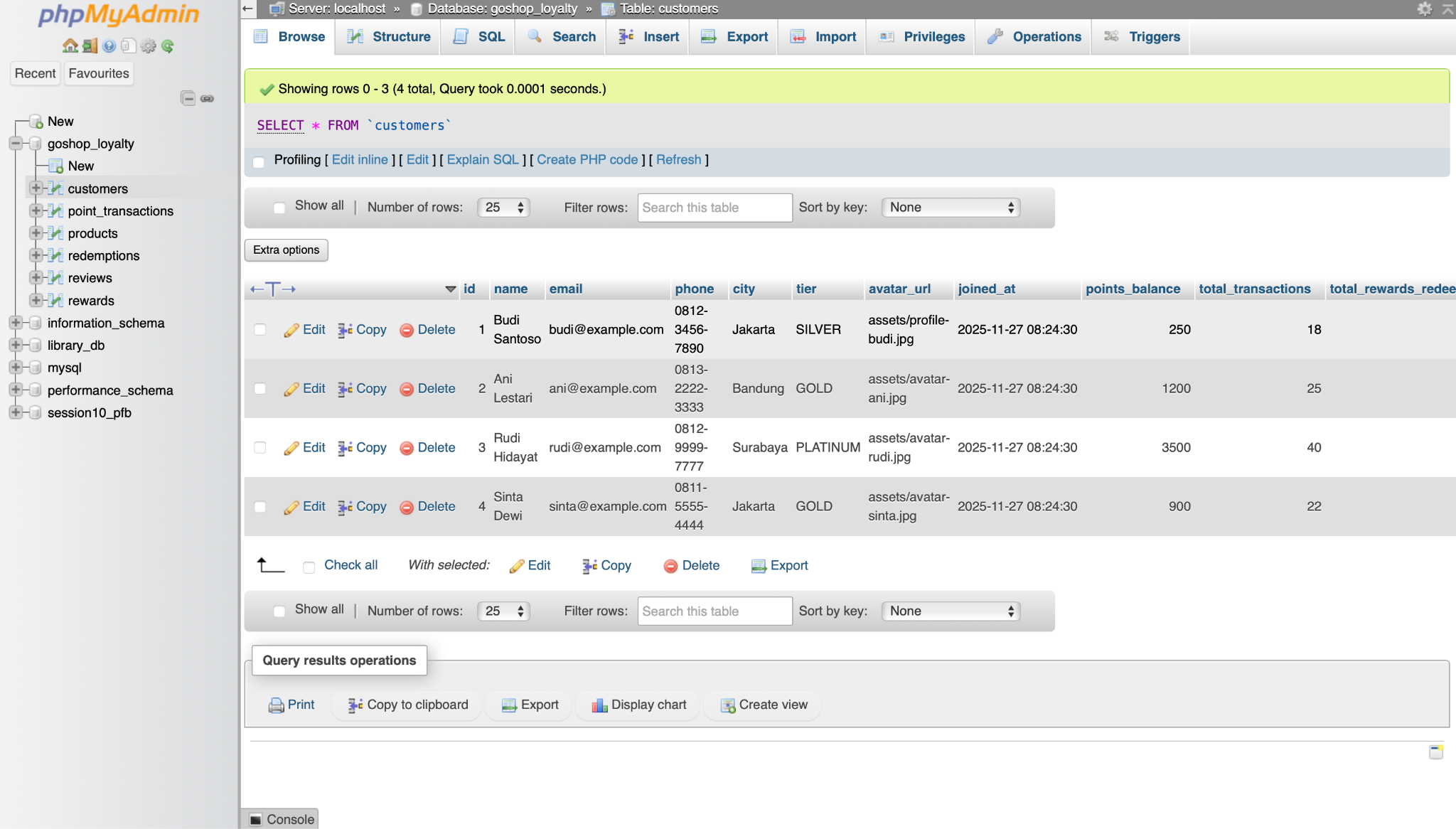
**GOSHOP DATABASE**

**Goshop\_loyalty**

CREATE DATABASE goshop\_loyalty;



**Customers**

CREATE TABLE customers (

id INT UNSIGNED AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(100) NOT NULL,

email VARCHAR(150) NOT NULL UNIQUE,

phone VARCHAR(30) NULL,

city VARCHAR(100) NULL,

tier ENUM('SILVER','GOLD','PLATINUM') DEFAULT 'SILVER',

avatar\_url VARCHAR(255) NULL,

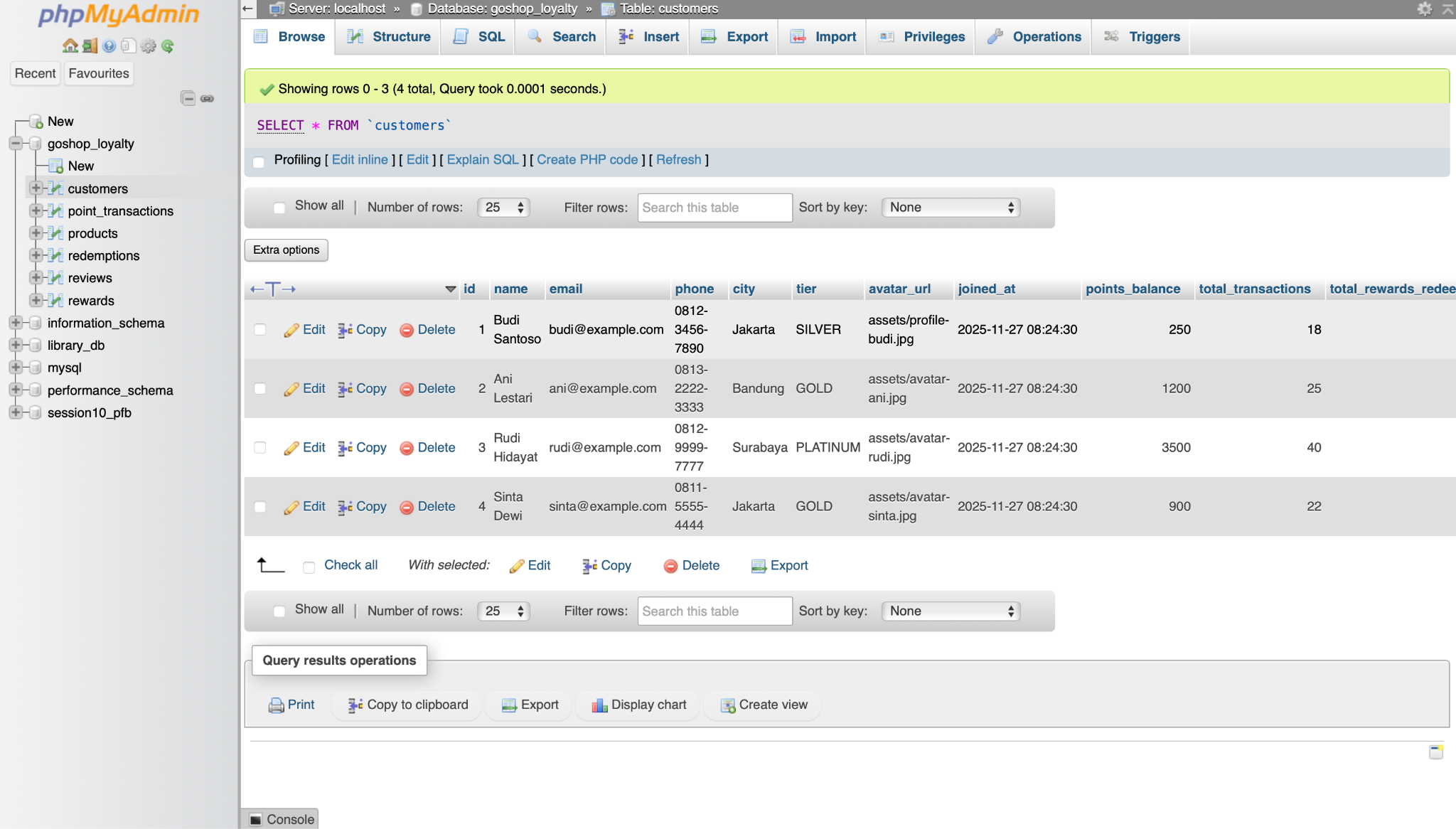
joined\_at DATETIME NOT NULL DEFAULT CURRENT\_TIMESTAMP,

points\_balance INT NOT NULL DEFAULT 0,

total\_transactions INT NOT NULL DEFAULT 0,

total\_rewards\_redeemed INT NOT NULL DEFAULT 0

) ENGINE=InnoDB;



**Point\_transactions**

CREATE TABLE point\_transactions (

id BIGINT UNSIGNED AUTO\_INCREMENT PRIMARY KEY,

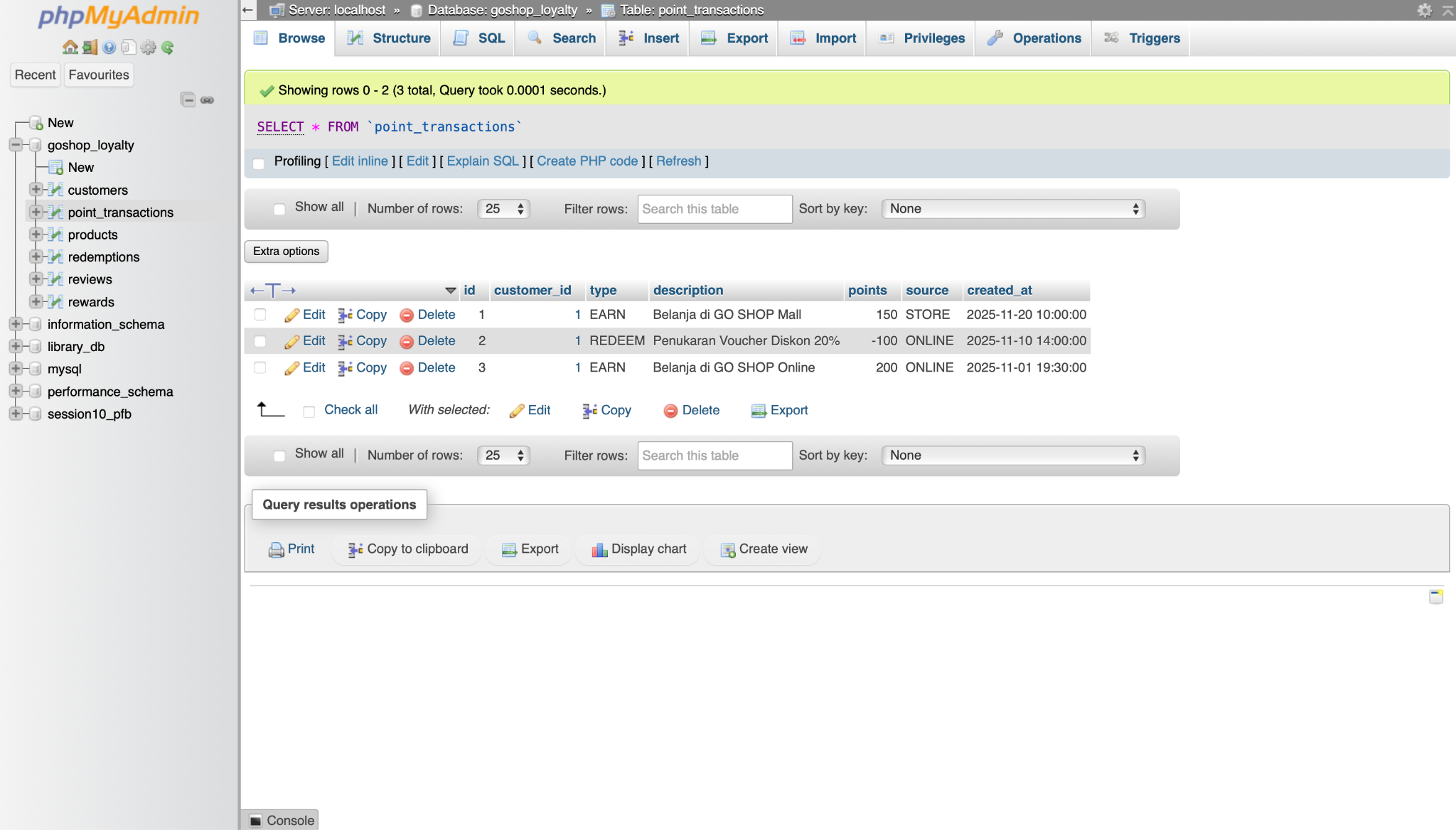
customer\_id INT UNSIGNED NOT NULL,

type ENUM('EARN','REDEEM','ADJUST\_PLUS','ADJUST\_MINUS') NOT NULL,

description VARCHAR(255) NOT NULL,

points INT NOT ENUM('STORE','ONLINE','ADMIN','SYSTEM') DEFAULT 'STORE',

created\_at DATETIME NOT NULL DEFAULT CURRENT\_TIMESTAMP,



**Products**

CREATE TABLE products (

id INT UNSIGNED AUTO\_INCREMENT PRIMARY KEY,

sku VARCHAR(50) NOT NULL UNIQUE,

name VARCHAR(150) NOT NULL,

category VARCHAR(100) NOT NULL,

price INT NOT NULL,INT NOT NULL DEFAULT 0,

image\_url VARCHAR(255) NULL,

is\_active TINYINT(1) NOT NULL DEFAULT 1,

created\_at DATETIME NOT NULL DEFAULT CURRENT\_TIMESTAMP,

updated\_at DATETIME NULL ON UPDATE CURRENT\_TIMESTAMP

) ENGINE=InnoDB;



**Redemptions**

CREATE TABLE redemptions (

id BIGINT UNSIGNED AUTO\_INCREMENT PRIMARY KEY,

customer\_id INT UNSIGNED NOT NULL,

reward\_id INT UNSIGNED NOT NULL,

points\_used INT NOT NULL,

status ENUM('REQUESTED','APPROVED','REJECTED','CANCELLED') DEFAULT 'APPROVED',

created\_at DATETIME NOT NULL DEFAULT CURRENT\_TIMESTAMP,

CONSTRAINT fk\_redemptions\_customer

FOREIGN KEY (customer\_id) REFERENCES customers(id)

ON DELETE CASCADE,

CONSTRAINT fk\_redemptions\_reward

FOREIGN KEY (reward\_id) REFERENCES rewards(id)

ON DELETE RESTRICT

) ENGINE=InnoDB;



**Reviews**

CREATE TABLE reviews (

id BIGINT UNSIGNED AUTO\_INCREMENT PRIMARY KEY,

customer\_id INT UNSIGNED NOT NULL,

rating TINYINT NOT NULL CHECK (rating BETWEEN 1 AND 5),

title VARCHAR(150) NULL,

comment TEXT NOT NULL,

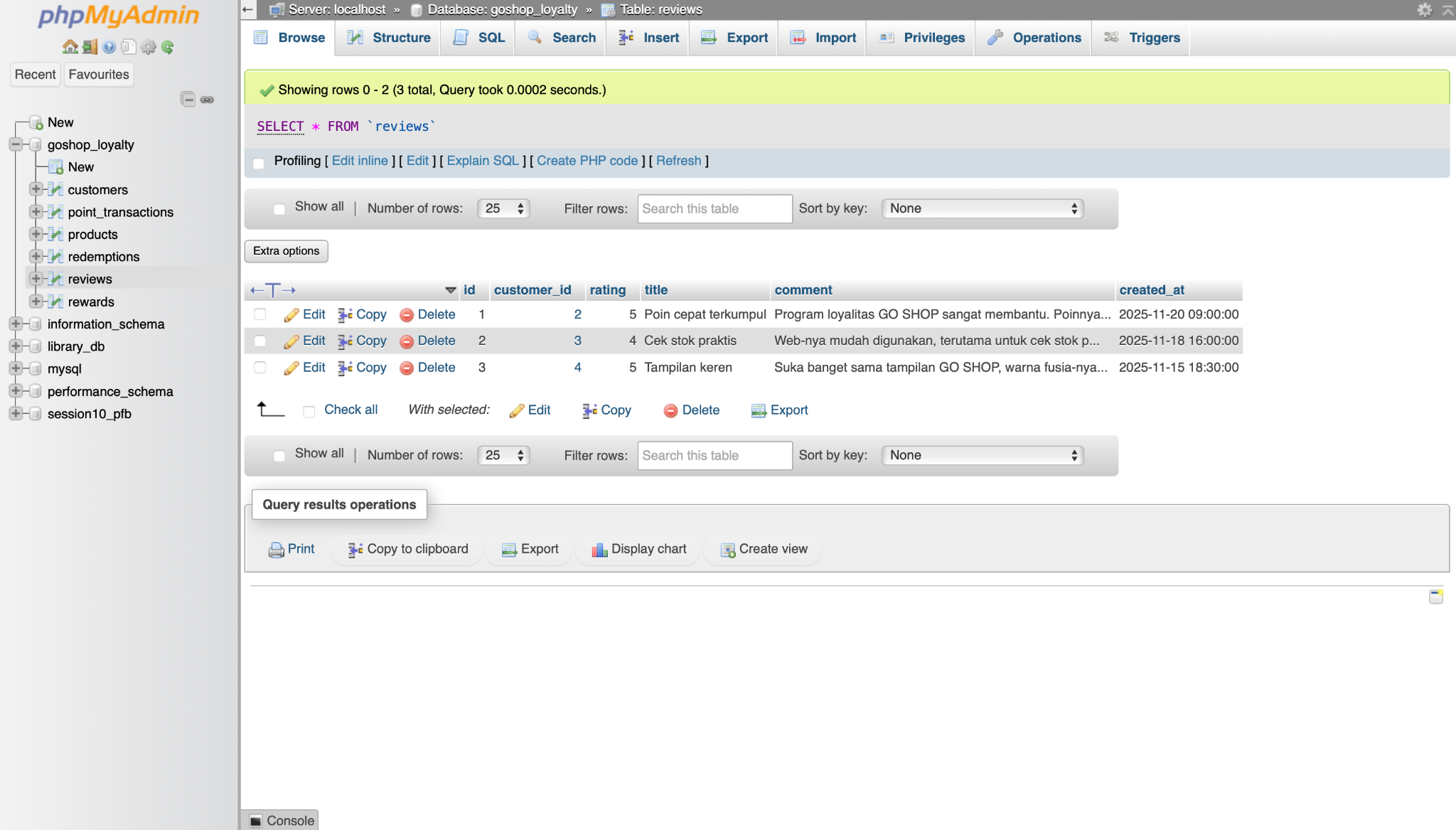
created\_at DATETIME NOT NULL DEFAULT CURRENT\_TIMESTAMP,

CONSTRAINT fk\_reviews\_customer

FOREIGN KEY (customer\_id) REFERENCES customers(id)

ON DELETE CASCADE

) ENGINE=InnoDB;



**Rewards**

CREATE TABLE rewards (

id INT UNSIGNED AUTO\_INCREMENT PRIMARY KEY,

code VARCHAR(50) NOT NULL UNIQUE,

name VARCHAR(150) NOT NULL,

category VARCHAR(100) NOT NULL,

points\_required INT NOT NULL,

stock INT NOT NULL DEFAULT 0,

image\_url VARCHAR(255) NULL,

is\_active TINYINT(1) NOT NULL DEFAULT 1,

created\_at DATETIME NOT NULL DEFAULT CURRENT\_TIMESTAMP,

updated\_at DATETIME NULL ON UPDATE CURRENT\_TIMESTAMP

) ENGINE=InnoDB;

