

Mini Project

Name: Abhay R Warriar

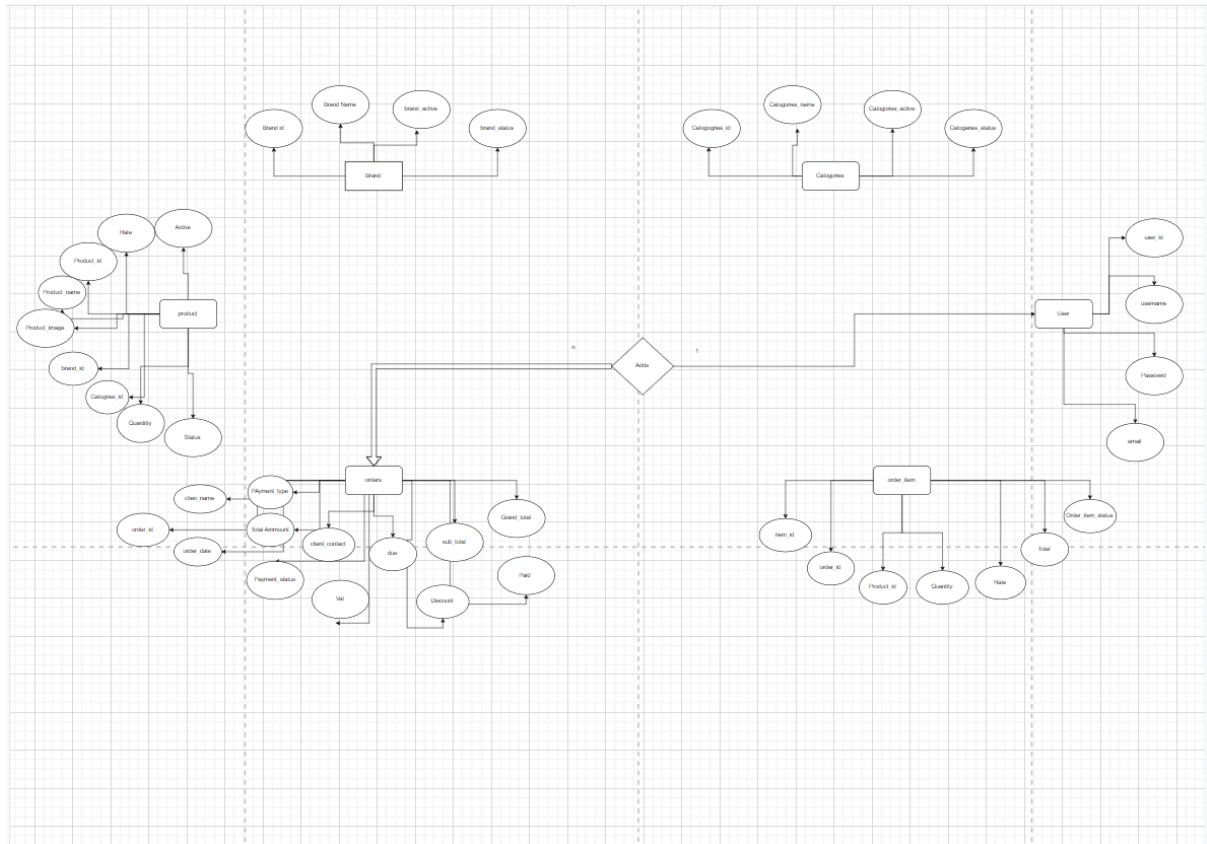
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SEC: A

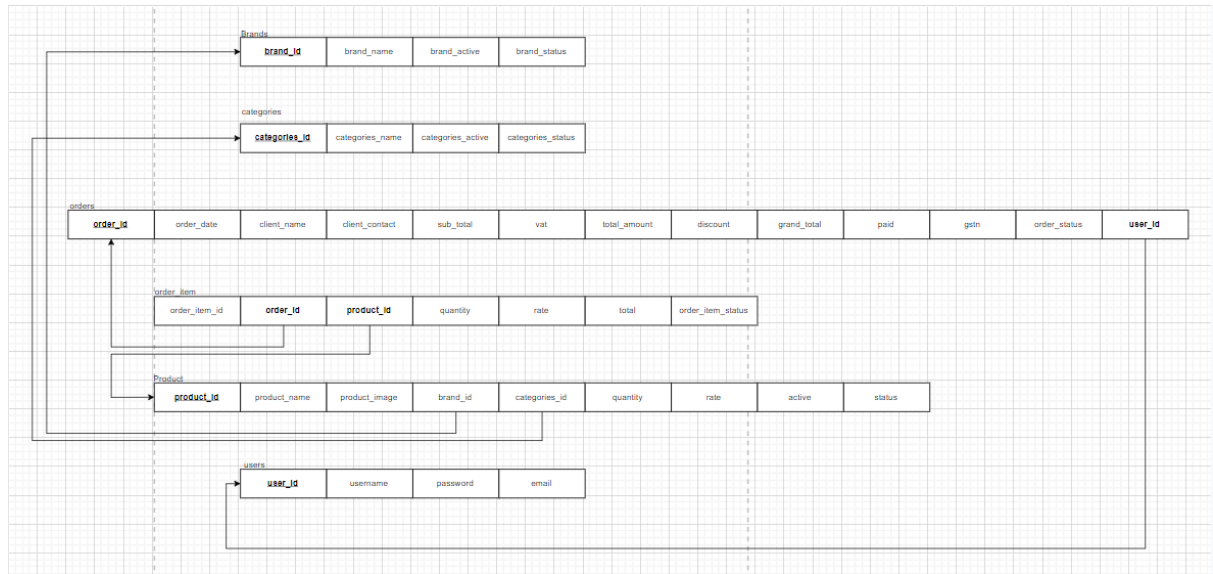
1. A short description about the project and scope

A: In particular, this Inventory Management System project in PHP MySQL focuses mainly on keeping track of inventories. Also, the system displays all the essential records with their respective department. In addition, the system allows managing product categories and their brand names. Evidently, this project contains an admin and employee panel. In an overview of this web application, an employee has limited control over the system. He/she can only manage customers' orders. Besides, employee users can only list our order details and print their receipts. However, the admin first has to set up employee details as a part of user management for the system.

2. ER Diagram



3. Relational Scheme



4. DDL statements to build the database

```
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
```

```
SET time_zone = "+00:00";
```

```
-- Database: `sinventoryphp`
```

```
CREATE TABLE `brands` (
```

```
  `brand_id` int(11) NOT NULL,
```

```
  `brand_name` varchar(255) NOT NULL,
```

```
  `brand_active` int(11) NOT NULL DEFAULT '0',
```

```
  `brand_status` int(11) NOT NULL DEFAULT '0'
```

```
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
CREATE TABLE `categories` (
```

```
  `categories_id` int(11) NOT NULL,
```

```
  `categories_name` varchar(255) NOT NULL,
```

```
  `categories_active` int(11) NOT NULL DEFAULT '0',
```

```
  `categories_status` int(11) NOT NULL DEFAULT '0'
```

```
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
CREATE TABLE `orders` (
```

```
  `order_id` int(11) NOT NULL,
```

```
  `order_date` date NOT NULL,
```

```
  `client_name` varchar(255) NOT NULL,
```

```
  `client_contact` varchar(255) NOT NULL,
```

```
  `sub_total` varchar(255) NOT NULL,
```

```
  `vat` varchar(255) NOT NULL,
```

```
  `total_amount` varchar(255) NOT NULL,
```

```
  `discount` varchar(255) NOT NULL,
```

```
  `grand_total` varchar(255) NOT NULL,
```

```
  `paid` varchar(255) NOT NULL,
```

```
`due` varchar(255) NOT NULL,  
`payment_type` int(11) NOT NULL,  
`payment_status` int(11) NOT NULL,  
`payment_place` int(11) NOT NULL,  
`gstn` varchar(255) NOT NULL,  
`order_status` int(11) NOT NULL DEFAULT '0',  
`user_id` int(11) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
CREATE TABLE `order_item` (  
  `order_item_id` int(11) NOT NULL,  
  `order_id` int(11) NOT NULL DEFAULT '0',  
  `product_id` int(11) NOT NULL DEFAULT '0',  
  `quantity` varchar(255) NOT NULL,  
  `rate` varchar(255) NOT NULL,  
  `total` varchar(255) NOT NULL,  
  `order_item_status` int(11) NOT NULL DEFAULT '0'  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
CREATE TABLE `product` (  
  `product_id` int(11) NOT NULL,  
  `product_name` varchar(255) NOT NULL,  
  `product_image` text NOT NULL,  
  `brand_id` int(11) NOT NULL,  
  `categories_id` int(11) NOT NULL,  
  `quantity` varchar(255) NOT NULL,  
  `rate` varchar(255) NOT NULL,  
  `active` int(11) NOT NULL DEFAULT '0',  
  `status` int(11) NOT NULL DEFAULT '0'  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
CREATE TABLE `users` (  
  `user_id` int(11) NOT NULL,
```

```
`username` varchar(255) NOT NULL,  
`password` varchar(255) NOT NULL,  
`email` varchar(255) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

5. Different methods used to populate data. - Show statements used under different methods

```
INSERT INTO `brands` (`brand_id`, `brand_name`, `brand_active`, `brand_status`) VALUES
(1, 'Vans', 1, 1),
(2, 'Adidas', 1, 1),
(3, 'Calvin Klein', 1, 1),
(4, 'WYZE', 1, 1),
(5, 'Apple', 1, 1),
(6, 'Samsung', 1, 1),
(7, 'TP-Link', 1, 1),
(8, 'Amazon', 1, 1),
(9, 'Sony', 1, 1);
```

```
INSERT INTO `categories` (`categories_id`, `categories_name`, `categories_active`,
`categories_status`) VALUES
(1, 'Shoes', 1, 1),
(2, 'T-Shirts and Tops', 1, 1),
(3, 'Hoodies & Sweatshirts', 1, 1),
(4, 'Shorts', 1, 1),
(5, 'Jackets', 1, 1),
(6, 'Security Camera', 1, 1),
(7, 'Routers', 1, 1),
(8, 'Smart Phones', 1, 1),
(9, 'Headphones', 1, 1),
(10, 'Alexa Voice Remote', 1, 1),
(11, 'Chargers', 1, 1);
```

```
INSERT INTO `orders` (`order_id`, `order_date`, `client_name`, `client_contact`,
`sub_total`, `vat`, `total_amount`, `discount`, `grand_total`, `paid`, `due`,
`payment_type`, `payment_status`, `payment_place`, `gstn`, `order_status`, `user_id`)
VALUES
```

```
(1, '2021-06-02', 'James Russell', '7014444410', '49.00', '8.82', '57.82', '0', '57.82', '60', '-2.18', 2, 1, 1, '8.82', 1, 1),
(2, '2021-06-02', 'Thomas', '7014445400', '45.00', '8.10', '53.10', '0', '53.10', '55', '-1.90', 3, 1, 1, '8.10', 1, 1),
(3, '2021-06-02', 'Colin', '7896500020', '45.00', '8.10', '53.10', '0', '53.10', '100', '-46.90', 2, 2, 2, '8.10', 1, 1),
(4, '2022-01-18', 'Jack', '8547854444', '264.00', '47.52', '311.52', '0', '311.52', '311.52', '0.00', 2, 1, 1, '47.52', 1, 1),
(5, '2022-01-26', 'Thomas Stuart', '8540001014', '106.00', '19.08', '125.08', '0', '125.08', '125', '0.08', 1, 1, 1, '19.08', 1, 1),
(6, '2022-01-31', 'James Greenwood', '5214440120', '742.00', '133.56', '875.56', '0', '875.56', '875.56', '0.00', 2, 1, 1, '133.56', 1, 1),
(7, '2022-01-31', 'Annie Gillespie', '7450126690', '90.00', '16.20', '106.20', '0', '106.20', '106.20', '0.00', 3, 1, 1, '16.20', 1, 2),
(8, '2022-01-30', 'Kristen Stiger', '8540001250', '348.00', '62.64', '410.64', '0', '410.64', '410.64', '0.00', 2, 1, 1, '62.64', 1, 2),
(9, '2022-02-02', 'Jamie ', '7401114536', '1284.00', '231.12', '1515.12', '0', '1515.12', '1515.12', '0.00', 2, 1, 1, '231.12', 1, 1),
(10, '2022-02-02', 'William Moore', '7410000069', '274.00', '49.32', '323.32', '10', '313.32', '313.32', '0.00', 3, 1, 1, '49.32', 1, 1);
```

```
INSERT INTO `order_item` (`order_item_id`, `order_id`, `product_id`, `quantity`, `rate`, `total`, `order_item_status`) VALUES
```

```
(1, 1, 1, '2', '49', '49.00', 1),
(2, 2, 13, '2', '45', '45.00', 1),
(3, 3, 15, '31', '45', '45.00', 1),
(4, 0, 16, '12', '22', '264.00', 1),
(5, 0, 16, '13', '22', '264.00', 1),
(6, 0, 16, '12', '22', '286.00', 1),
(7, 4, 16, '12', '22', '264.00', 1),
(8, 5, 3, '2', '53', '106.00', 1),
(9, 6, 3, '14', '53', '742.00', 1),
(10, 7, 15, '2', '45', '90.00', 1),
(11, 8, 9, '4', '87', '348.00', 1),
```



```

(12, 9, 14, '4', '321', '1284.00', 1),
(13, 10, 6, '1', '70', '70.00', 1),
(14, 10, 7, '1', '29', '29.00', 1),
(15, 10, 10, '1', '35', '35.00', 1),
(16, 10, 4, '1', '140', '140.00', 1);

INSERT INTO `product` (`product_id`, `product_name`, `product_image`, `brand_id`,
`categories_id`, `quantity`, `rate`, `active`, `status`) VALUES
(1, 'Custom Paisley Patchwork Era', '../assests/images/stock/2120760b75c9237837.png', 1,
1, '0', '69', 1, 1),
(2, 'asd', '../assests/images/stock/2628560b75d3561d09.jpg', 1, 1, '22', '2', 2, 2),
(3, 'Wyze Cam v3 1080p HD Indoor/Outdoor Video Camera',
'../assests/images/stock/2943460b7937a267ed.jpg', 4, 6, '105', '53', 1, 1),
(4, 'Ultraboost 21 Primeblue Shoes', '../assests/images/stock/2926160b77b0e925b8.jpg', 2,
1, '118', '140', 1, 1),
(5, 'Garment-Dyed Canvas Denim Jacket',
'../assests/images/stock/2951160b792ba3020b.jpg', 3, 5, '97', '210', 1, 1),
(6, 'VansXPark Project Classic Slip-On',
'../assests/images/stock/2856060b77ea550ccf.png', 1, 1, '244', '70', 1, 1),
(7, 'TechFit Fitted Tee', '../assests/images/stock/165960b7909513f6d.jpg', 2, 2, '368', '29', 1,
1),
(8, 'Love Unites Tank Top (Gender Neutral)',
'../assests/images/stock/2780060b790de5f64a.jpg', 2, 2, '512', '28', 1, 1),
(9, 'R.T.V. Hoodie', '../assests/images/stock/1560160b79132ef6be.jpg', 2, 3, '216', '87', 1, 1),
(10, 'Adicolor Classics 3-Stripes Shorts', '../assests/images/stock/431060b791b32026d.jpg',
2, 4, '151', '35', 1, 1),
(11, 'TP-Link AC1750 Smart WiFi Router (Archer A7)',
'../assests/images/stock/2065160b794843f641.jpg', 7, 7, '256', '60', 1, 1),
(12, 'Wyze Cam 1080p HD Indoor WiFi Smart Home Camera with Night Vision',
'../assests/images/stock/814660b794ffda66f.jpg', 4, 6, '126', '45', 1, 1),
(13, 'Fire TV Stick 4K streaming device with Alexa Voice Remote',
'../assests/images/stock/1946160b79a7472484.jpg', 8, 10, '257', '45', 1, 1),
(14, 'Sony WH-1000XM4 Wireless Industry Leading Noise Canceling Overhead
Headphones', '../assests/images/stock/392760b7a38b1e2d8.jpg', 9, 9, '254', '321', 1, 1),

```

```
(15, 'Apple MagSafe Charger', '../assests/images/stock/1491660b7a42f42152.jpg', 5, 11, '332', '45', 1, 1),  
(16, 'Sample Product', '../assests/images/stock/2254161f94e484d31a.jpg', 1, 1, '15', '22', 1, 1);
```

```
INSERT INTO `users` (`user_id`, `username`, `password`, `email`) VALUES  
(1, 'admin', 'd00f5d5217896fb7fd601412cb890830', ''),  
(2, 'staff', '5f4dcc3b5aa765d61d8327deb882cf99', 'staff@stockmg.com');
```

6. JOIN queries

```
SELECT product.product_id,product_name,product_image
FROM product
RIGHT OUTER JOIN categories
ON product.categories_id = categories.categories_id;
```

product_id	product_name	product_image
1	Custom Paisley Patchwork Era	../assests/images/stock/2120760b75c9237837.png
2	asd	../assests/images/stock/2628560b75d3561d09.jpg
3	Wyze Cam v3 1080p HD Indoor/Outdoor Video Camera	../assests/images/stock/2943460b7937a267ed.jpg
4	Ultraboost 21 Primeblue Shoes	../assests/images/stock/2926160b77b0e925b8.jpg
5	Garment-Dyed Canvas Denim Jacket	../assests/images/stock/2951160b792ba3020b.jpg
6	VansXPark Project Classic Slip-On	../assests/images/stock/2856060b77ea550ccf.png
7	TechFit Fitted Tee	../assests/images/stock/165960b7909513f6d.jpg
8	Love Unites Tank Top (Gender Neutral)	../assests/images/stock/2780060b790de5f64a.jpg
9	R.T.V. Hoodie	../assests/images/stock/1560160b79132ef6be.jpg
10	Adicolor Classics 3-Stripes Shorts	../assests/images/stock/431060b791b32026d.jpg
11	TP-Link AC1750 Smart WiFi Router (Archer A7)	../assests/images/stock/2065160b794843f641.jpg
12	Wyze Cam 1080p HD Indoor WiFi Smart Home Camera wi...	../assests/images/stock/814660b794ffda66f.jpg
13	Fire TV Stick 4K streaming device with Alexa Voice...	../assests/images/stock/1946160b79a7472484.jpg
14	Sony WH-1000XM4 Wireless Industry Leading Noise Ca...	../assests/images/stock/392760b7a38b1e2d8.jpg
15	Apple MagSafe Charger	../assests/images/stock/1491660b7a42f42152.jpg
16	Sample Product	../assests/images/stock/2254161f94e484d31a.jpg





























































```
SELECT orders.order_id,order_date,grand_total,order_status
FROM orders
INNER JOIN order_item
ON order_item.order_id = orders.order_id
```

	product_id	product_name	product_image	brand_id	brand_name
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	Custom Paisley Patchwork Era	../assests/images/stock/2120760b75c9237837.png	1	Vans
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	Custom Paisley Patchwork Era	../assests/images/stock/2120760b75c9237837.png	2	Adidas
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	Custom Paisley Patchwork Era	../assests/images/stock/2120760b75c9237837.png	3	Calvin Klein
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	Custom Paisley Patchwork Era	../assests/images/stock/2120760b75c9237837.png	4	WYZE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	Custom Paisley Patchwork Era	../assests/images/stock/2120760b75c9237837.png	5	Apple
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	Custom Paisley Patchwork Era	../assests/images/stock/2120760b75c9237837.png	6	Samsung
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	Custom Paisley Patchwork Era	../assests/images/stock/2120760b75c9237837.png	7	TP-Link
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	Custom Paisley Patchwork Era	../assests/images/stock/2120760b75c9237837.png	8	Amazon
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	Custom Paisley Patchwork Era	../assests/images/stock/2120760b75c9237837.png	9	Sony
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	asd	../assests/images/stock/2628560b75d3561d09.jpg	1	Vans
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	asd	../assests/images/stock/2628560b75d3561d09.jpg	2	Adidas
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	asd	../assests/images/stock/2628560b75d3561d09.jpg	3	Calvin Klein
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	asd	../assests/images/stock/2628560b75d3561d09.jpg	4	WYZE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	asd	../assests/images/stock/2628560b75d3561d09.jpg	5	Apple

```

SELECT product.product_id, product.product_name,
product.product_image, categories.categories_id,
categories.categories_name
FROM product
CROSS JOIN categories;

```

		product_id	product_name	product_image	brand_id	brand_name
<input type="checkbox"/>	 Edit  Copy  Delete	1	Custom Paisley Patchwork Era	./assests/images/stock/2120760b75c9237837.png	1	Vans
<input type="checkbox"/>	 Edit  Copy  Delete	1	Custom Paisley Patchwork Era	./assests/images/stock/2120760b75c9237837.png	2	Adidas
<input type="checkbox"/>	 Edit  Copy  Delete	1	Custom Paisley Patchwork Era	./assests/images/stock/2120760b75c9237837.png	3	Calvin Klein
<input type="checkbox"/>	 Edit  Copy  Delete	1	Custom Paisley Patchwork Era	./assests/images/stock/2120760b75c9237837.png	4	WYZE
<input type="checkbox"/>	 Edit  Copy  Delete	1	Custom Paisley Patchwork Era	./assests/images/stock/2120760b75c9237837.png	5	Apple
<input type="checkbox"/>	 Edit  Copy  Delete	1	Custom Paisley Patchwork Era	./assests/images/stock/2120760b75c9237837.png	6	Samsung
<input type="checkbox"/>	 Edit  Copy  Delete	1	Custom Paisley Patchwork Era	./assests/images/stock/2120760b75c9237837.png	7	TP-Link
<input type="checkbox"/>	 Edit  Copy  Delete	1	Custom Paisley Patchwork Era	./assests/images/stock/2120760b75c9237837.png	8	Amazon
<input type="checkbox"/>	 Edit  Copy  Delete	1	Custom Paisley Patchwork Era	./assests/images/stock/2120760b75c9237837.png	9	Sony
<input type="checkbox"/>	 Edit  Copy  Delete	2	asd	./assests/images/stock/2628560b75d3561d09.jpg	1	Vans
<input type="checkbox"/>	 Edit  Copy  Delete	2	asd	./assests/images/stock/2628560b75d3561d09.jpg	2	Adidas
<input type="checkbox"/>	 Edit  Copy  Delete	2	asd	./assests/images/stock/2628560b75d3561d09.jpg	3	Calvin Klein
<input type="checkbox"/>	 Edit  Copy  Delete	2	asd	./assests/images/stock/2628560b75d3561d09.jpg	4	WYZE
<input type="checkbox"/>	 Edit  Copy  Delete	2	asd	./assests/images/stock/2628560b75d3561d09.jpg	5	Apple
<input type="checkbox"/>	 Edit  Copy  Delete	2	asd	./assests/images/stock/2628560b75d3561d09.jpg	6	Samsung
<input type="checkbox"/>	 Edit  Copy  Delete	2	asd	./assests/images/stock/2628560b75d3561d09.jpg	7	TP-Link
<input type="checkbox"/>	 Edit  Copy  Delete	2	asd	./assests/images/stock/2628560b75d3561d09.jpg	8	Amazon
<input type="checkbox"/>	 Edit  Copy  Delete	2	asd	./assests/images/stock/2628560b75d3561d09.jpg	9	Sony
<input type="checkbox"/>	 Edit  Copy  Delete	3	Wyze Cam v3 1080p HD Indoor/Outdoor Video Camera	./assests/images/stock/2943460b7937a267ed.jpg	1	Vans
<input type="checkbox"/>	 Edit  Copy  Delete	3	Wyze Cam v3 1080p HD Indoor/Outdoor Video Camera	./assests/images/stock/2943460b7937a267ed.jpg	2	Adidas

7. Aggregate Functions

```
select min(`sinventoryphp`.`order_item`.`rate`) AS `Minimum_rate` from  
`sinventoryphp`.`order_item`;
```

Minimum_rate

22

```
select avg(`sinventoryphp`.`order_item`.`rate`) AS `average_rate` from  
`sinventoryphp`.`order_item`
```

average_rate

74.3846

```
select count(`sinventoryphp`.`orders`.`client_name`) AS  
`COUNT(client_name)` from `sinventoryphp`.`orders`
```

COUNT(client_name)

9

8. SET Operators

SELECT * FROM brands UNION SELECT * FROM categories;

✓ Showing rows 0 - 19 (20 total, Query took 0.0004 seconds.)

SELECT * FROM brands UNION SELECT * FROM categories;

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Sort by key: None

Extra options

brand_id	brand_name	brand_active	brand_status
1	Vans	1	1
2	Adidas	1	1
3	Calvin Klein	1	1
4	WYZE	1	1
5	Apple	1	1
6	Samsung	1	1
7	TP-Link	1	1
8	Amazon	1	1
9	Sony	1	1
1	Shoes	1	1
2	T-Shirts and Tops	1	1
3	Hoodies & Sweatshirts	1	1
4	Shorts	1	1
5	Jackets	1	1
6	Security Camera	1	1
7	Routers	1	1
8	Smart Phones	1	1
9	Headphones	1	1
10	Alexa Voice Remote	1	1

9. Functions and Procedure

–Functions

```
DELIMITER $$
BEGIN
DECLARE sum_of_q INT DEFAULT 0;
SELECT SUM(quantity) INTO sum_of_q
FROM product
WHERE brand_id = d_id ;
RETURN sum_of_q;
END $$
```

```
SET @p0='2'; SELECT `get_quantity_of_brand`(@p0) AS `get_quantity_of_brand`;
```

Execution results of routine 'get_quantity_of_brand'

get_quantity_of_brand
1361

–Procedures

```
DELIMITER &&
CREATE PROCEDURE bill (IN name varchar(100))
BEGIN
    SELECT orders.order_id,order_date,grand_total,order_status
    FROM orders
    INNER JOIN order_item
    ON order_item.order_id = orders.order_id
    WHERE client_name = name;
END &&
DELIMITER;
```

```
SET @p0='Thomas'; CALL `bill`(@p0);
```

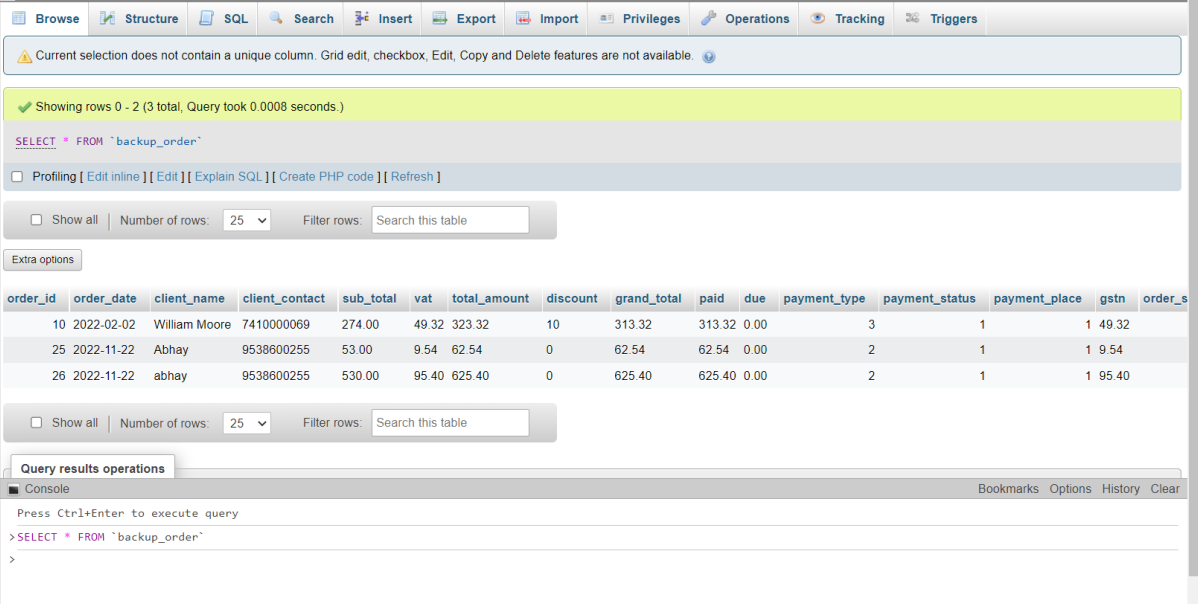
Execution results of routine 'bill'

order_id	order_date	grand_total	order_status
2	2021-06-02	53.10	1

10. Triggers and cursors

–Triggers

```
DELIMITER //
CREATE TRIGGER `Order_Backup` BEFORE DELETE ON `orders`
FOR EACH ROW BEGIN
  INSERT INTO backup_order
  SELECT * from orders WHERE order_id = old.order_id;
END
//
```



The screenshot shows a database management interface with a toolbar at the top containing icons for Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, Tracking, and Triggers. A warning message states: "Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available." Below this, a green status bar indicates "Showing rows 0 - 2 (3 total, Query took 0.0008 seconds.)". The SQL query entered is "SELECT * FROM `backup_order`". Below the query, there are options for Profiling, Edit inline, Edit, Explain SQL, Create PHP code, and Refresh. A "Show all" checkbox is present, along with a "Number of rows" dropdown set to 25 and a "Filter rows" search box. An "Extra options" button is also visible. The query results are displayed in a table with the following columns: order_id, order_date, client_name, client_contact, sub_total, vat, total_amount, discount, grand_total, paid, due, payment_type, payment_status, payment_place, gstn, and order_s. The table contains three rows of data. Below the table, there are again "Show all", "Number of rows" (25), and "Filter rows" options. At the bottom, there is a "Query results operations" tab and a "Console" panel showing the executed query: "> SELECT * FROM `backup_order`".

order_id	order_date	client_name	client_contact	sub_total	vat	total_amount	discount	grand_total	paid	due	payment_type	payment_status	payment_place	gstn	order_s
10	2022-02-02	William Moore	7410000069	274.00	49.32	323.32	10	313.32	313.32	0.00	3	1		1	49.32
25	2022-11-22	Abhay	9538600255	53.00	9.54	62.54	0	62.54	62.54	0.00	2	1		1	9.54
26	2022-11-22	abhay	9538600255	530.00	95.40	625.40	0	625.40	625.40	0.00	2	1		1	95.40

–Cursors

DELIMITER &&

```
CREATE PROCEDURE list_name(IN name_list varchar(4000))
```

```
BEGIN
```

```
    DECLARE is_done INTEGER DEFAULT 0;
```

```
    DECLARE s_name varchar(100) DEFAULT "";
```

```
    DECLARE cname_cursor CURSOR FOR
```

```
    SELECT client_name FROM orders;
```

```
    DECLARE CONTINUE HANDLER FOR NOT FOUND SET is_done = 1;
```

```
    OPEN cname_cursor;
```

```
    get_list: LOOP
```

```
        FETCH cname_cursor INTO s_name;
```

```
        IF is_done = 1 THEN
```

```
            LEAVE get_list;
```

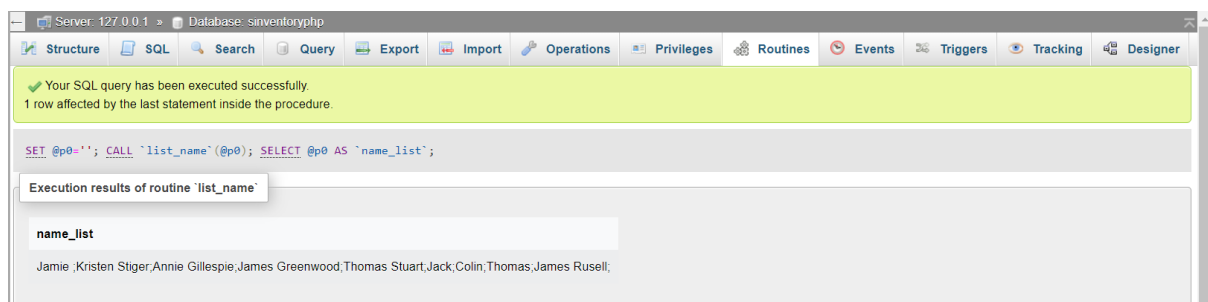
```
        END IF;
```

```
        SET name_list = CONCAT(s_name, ";", name_list);
```


```
    END LOOP get_list;
```

```
    CLOSE cname_cursor;
```

```
END &&
```



11. Higher Level Programming - A simple frontend that talks to the backend database is required to be developed .



[Dashboard](#) [Brand](#) [Category](#) [Product](#) [Orders](#) [Report](#) [Import Brand](#) [User](#)











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Show 10 entries

Search:

Photo	Product Name	Rate	Quantity	Brand	Category	Status	Options
	Sony WH-1000XM4 Wireless Industry Leading Noise Canceling Overhead Headphones	\$321	254	Sony	Headphones	Available	Action
	Garment-Dyed Canvas Denim Jacket	\$210	97	Calvin Klein	Jackets	Available	Action
	Ultraboost 21 Primeblue Shoes	\$140	114	Adidas	Shoes	Available	Action
	R.T.V. Hoodie	\$87	216	Adidas	Hoodies & Sweatshirts	Available	Action
	VansXPark Project Classic Slip-On	\$70	244	Vans	Shoes	Available	Action
	TP-Link AC1750 Smart WiFi Router (Archer A7)	\$60	256	TP-Link	Routers	Available	Action
	Wyze Cam v3 1080p HD Indoor/Outdoor Video Camera	\$53	91	WYZE	Security Camera	Available	Action
	Wyze Cam 1080p HD Indoor WiFi Smart Home Camera with Night Vision	\$45	126	WYZE	Security Camera	Available	Action
	Fire TV Stick 4K streaming device with Alexa Voice Remote	\$45	257	Amazon	Alexa Voice Remote	Available	Action
	Apple MagSafe Charger	\$45	332	Apple	Chargers	Available	Action

12. Queries Box

Code:

```
import streamlit as st

import mysql.connector

import pandas as pd

cnx = mysql.connector.connect(user='root', password='',

                              host='localhost',

                              database='sinventoryphp')

curse=cnx.cursor()

tex=st.text_input("INPUT COMMAND")

if st.button("Run"):

    exec=curse.execute(tex)

    res=curse.fetchall()

    df=pd.DataFrame(res)

    st.table(df)
```

Examples:

INPUT COMMAND

select * from brands

Run

	0	1	2	3
0	1	Vans	1	1
1	2	Adidas	1	1
2	3	Calvin Klein	1	1
3	4	WYZE	1	1
4	5	Apple	1	1
5	6	Samsung	1	1
6	7	TP-Link	1	1
7	8	Amazon	1	1
8	9	Sony	1	1

Made with Streamlit