**Booker Wholesale Store Management System**

**ABSTRACT :**

Booker wholesale store management system is database of all store of booker wholesale located in india.

This database directly help to stored data and manage all the information about all the contents of the table.

A booker wholesale involves a lot of parameters like details of branches, employees, departments, customers and products.

A good management system will reduce the tedious work of managing various factors in a booker wholesale.

**OBJECTIVES :**

1. The company will be able to easily track the details of branches, employees, departments, customers and products.
2. It will give a proper relation regarding which employees are working in which branches.

3.It will help in tracking the products available in each branch.

MariaDB [(none)]> create database Booker\_Wholesale;

Query OK, 1 row affected (0.002 sec)

MariaDB [(none)]> use Booker\_Wholesale;

Database changed

**BRANCHES :**

This table contains the data of all booker wholesale branches located in india.

**Structure of table :**

MariaDB [Booker\_Wholesale]> create table Branches(branch\_code int primary key auto\_increment,branch\_name varchar(50) not null,city varchar(10),zipcode int(6));

Query OK, 0 rows affected (0.024 sec)

MariaDB [Booker\_Wholesale]> desc branches;

+-------------+-------------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+-------------+-------------+------+-----+---------+----------------+

| branch\_code | int(11) | NO | PRI | NULL | auto\_increment |

| branch\_name | varchar(50) | NO | | NULL | |

| city | varchar(10) | YES | | NULL | |

| zipcode | int(6) | YES | | NULL | |

+-------------+-------------+------+-----+---------+----------------+

4 rows in set (0.021 sec)

**Contents of table :**

MariaDB [Booker\_Wholesale]> insert into branches values(001,'Booker\_Wholesale\_Thane','thane',101321),(002,'Booker\_Wholesale\_Chandivali','Mumbai',400077),(003,'Booker\_Wholesale\_Goregaon','mumbai',400068),(004,'Booker\_Wholesale\_Miraroad','mumbai',400095);

Query OK, 4 rows affected (0.035 sec)

Records: 4 Duplicates: 0 Warnings: 0

MariaDB [Booker\_Wholesale]> insert into branches(branch\_name,city,zipcode)values('Booker\_Wholesale\_Bhestan','surat',600011),('Booker\_Wholesale\_Hyderabad','hyderabad',200012),('Booker\_Wholesale\_Pune','pune',303414),('Booker\_Wholesale\_Noida','delhi',404807);

Query OK, 4 rows affected (0.003 sec)

Records: 4 Duplicates: 0 Warnings: 0

MariaDB [Booker\_Wholesale]> select \* from branches;

+-------------+-----------------------------+-----------+---------+

| branch\_code | branch\_name | city | zipcode |

+-------------+-----------------------------+-----------+---------+

| 1 | Booker\_Wholesale\_Thane | thane | 101321 |

| 2 | Booker\_Wholesale\_Chandivali | Mumbai | 400077 |

| 3 | Booker\_Wholesale\_Goregaon | mumbai | 400068 |

| 4 | Booker\_Wholesale\_Miraroad | mumbai | 400095 |

| 5 | Booker\_Wholesale\_Bhestan | surat | 600011 |

| 6 | Booker\_Wholesale\_Hyderabad | hyderabad | 200012 |

| 7 | Booker\_Wholesale\_Pune | pune | 303414 |

| 8 | Booker\_Wholesale\_Noida | delhi | 404807 |

+-------------+-----------------------------+-----------+---------+

8 rows in set (0.000 sec)

**DEPARTMENT :**

This table shows the various departments in the database.

**Structure of table :**

MariaDB [Booker\_Wholesale]> create table department(dept\_id int primary key auto\_increment,dept\_name varchar(20) not null);

Query OK, 0 rows affected (0.019 sec)

MariaDB [Booker\_Wholesale]> desc department;

+-----------+-------------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+-----------+-------------+------+-----+---------+----------------+

| dept\_id | int(11) | NO | PRI | NULL | auto\_increment |

| dept\_name | varchar(20) | NO | | NULL | |

+-----------+-------------+------+-----+---------+----------------+

2 rows in set (0.009 sec)

**Contents of table :**

MariaDB [Booker\_Wholesale]> insert into department values(101,'reception'),(102,'checkout'),(103,'goodsin'),(104,'softdrinks'),(105,'personal\_care'),(106,'home\_care'),(107,'food\_dept'),(108,'staples'),(109,'confectionry'),(110,'stock\_control');

Query OK, 10 rows affected (0.003 sec)

Records: 10 Duplicates: 0 Warnings: 0

MariaDB [Booker\_Wholesale]> select \* from department;

+---------+---------------+

| dept\_id | dept\_name |

+---------+---------------+

| 101 | reception |

| 102 | checkout |

| 103 | goodsin |

| 104 | softdrinks |

| 105 | personal\_care |

| 106 | home\_care |

| 107 | food\_dept |

| 108 | staples |

| 109 | confectionry |

| 110 | stock\_control |

+---------+---------------+

10 rows in set (0.000 sec)

MariaDB [Booker\_Wholesale]> insert into department values(111,'manager');

Query OK, 1 row affected (0.003 sec)

MariaDB [Booker\_Wholesale]> select \* from department;

+---------+---------------+

| dept\_id | dept\_name |

+---------+---------------+

| 101 | reception |

| 102 | checkout |

| 103 | goodsin |

| 104 | softdrinks |

| 105 | personal\_care |

| 106 | home\_care |

| 107 | food\_dept |

| 108 | staples |

| 109 | confectionry |

| 110 | stock\_control |

| 111 | manager |

+---------+---------------+

11 rows in set (0.000 sec)

**EMPLOYEES :**

This table shows the employees working in the shop in which branch.

**Stucture of table :**

MariaDB [Booker\_Wholesale]> create table employees(emp\_id int primary key auto\_increment,emp\_fname varchar(10),emp\_lname varchar(10),dept\_id int,join\_date date not null,city varchar(10),salary int);

Query OK, 0 rows affected (0.020 sec)

MariaDB [Booker\_Wholesale]> desc employees;

+-----------+-------------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+-----------+-------------+------+-----+---------+----------------+

| emp\_id | int(11) | NO | PRI | NULL | auto\_increment |

| emp\_fname | varchar(10) | YES | | NULL | |

| emp\_lname | varchar(10) | YES | | NULL | |

| dept\_id | int(11) | YES | | NULL | |

| join\_date | date | NO | | NULL | |

| city | varchar(10) | YES | | NULL | |

| salary | int(11) | YES | | NULL | |

+-----------+-------------+------+-----+---------+----------------+

7 rows in set (0.009 s

Contents of table :

MariaDB [Booker\_Wholesale]> insert into employees values(1001,'rahul','bapat',111,'2012-05-12','mumbai',45000),(1002,'saheb','patel',111,'2014-02-23','surat',45000),(1003,'sumedh','hyalinge',110,'2016-08-11','hyderabad',25000),(1004,'suraj','bhilare',110,'2015-11-01','pune',25000),(1005,'raj','shinde',110,'2018-12-13','mumbai',20000),(1006,'sunil','ganak',103,'2015-02-13','mumbai',22000),(1007,'chitali','narkar',101,'2013-10-12','mumbai',18000),(1008,'manju','patel',101,'2016-03-23','surat',17500),(1009,'amit','sat',102,'2019-06-06','thane',15000),(1010,'suraj','mali',106,'2013-11-11','delhi',15000);

Query OK, 10 rows affected (0.003 sec)

Records: 10 Duplicates: 0 Warnings: 0

MariaDB [Booker\_Wholesale]> insert into employees(emp\_fname,emp\_lname,dept\_id,join\_date,city,salary)values('gulab','mehta',105,'2015-07-12','hyderabad',16500),('sachin','patil',108,'2016-12-12','thane',20000),('sachin','katkar',107,'2017-05-08','pune',20000),('anand','patil',104,'2015-04-25','surat',22000),('dinesh','kumar',109,'2016-09-09','delhi',18000);

Query OK, 5 rows affected (0.002 sec)

Records: 5 Duplicates: 0 Warnings: 0

MariaDB [Booker\_Wholesale]> select \* from employees;

+--------+-----------+-----------+---------+------------+-----------+--------+

| emp\_id | emp\_fname | emp\_lname | dept\_id | join\_date | city | salary |

+--------+-----------+-----------+---------+------------+-----------+--------+

| 1001 | rahul | bapat | 111 | 2012-05-12 | mumbai | 45000 |

| 1002 | saheb | patel | 111 | 2014-02-23 | surat | 45000 |

| 1003 | sumedh | hyalinge | 110 | 2016-08-11 | hyderabad | 25000 |

| 1004 | suraj | bhilare | 110 | 2015-11-01 | pune | 25000 |

| 1005 | raj | shinde | 110 | 2018-12-13 | mumbai | 20000 |

| 1006 | sunil | ganak | 103 | 2015-02-13 | mumbai | 22000 |

| 1007 | chitali | narkar | 101 | 2013-10-12 | mumbai | 18000 |

| 1008 | manju | patel | 101 | 2016-03-23 | surat | 17500 |

| 1009 | amit | sat | 102 | 2019-06-06 | thane | 15000 |

| 1010 | suraj | mali | 106 | 2013-11-11 | delhi | 15000 |

| 1011 | gulab | mehta | 105 | 2015-07-12 | hyderabad | 16500 |

| 1012 | sachin | patil | 108 | 2016-12-12 | thane | 20000 |

| 1013 | sachin | katkar | 107 | 2017-05-08 | pune | 20000 |

| 1014 | anand | patil | 104 | 2015-04-25 | surat | 22000 |

| 1015 | dinesh | kumar | 109 | 2016-09-09 | delhi | 18000 |

+--------+-----------+-----------+---------+------------+-----------+--------+

15 rows in set (0.000 sec)

**CUSTOMER :**

This table shows the details of customer registerd with booker wholesale in different branches.

**Structure of table :**

MariaDB [Booker\_Wholesale]> create table customer(customer\_id int primary key auto\_increment,customer\_fname varchar(10),customer\_lname varchar(10),contact\_no bigint not null,city varchar(10));

Query OK, 0 rows affected (0.021 sec)

MariaDB [Booker\_Wholesale]> desc customer;

+----------------+-------------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+----------------+-------------+------+-----+---------+----------------+

| customer\_id | int(11) | NO | PRI | NULL | auto\_increment |

| customer\_fname | varchar(10) | YES | | NULL | |

| customer\_lname | varchar(10) | YES | | NULL | |

| contact\_no | bigint(20) | NO | | NULL | |

| city | varchar(10) | YES | | NULL | |

+----------------+-------------+------+-----+---------+----------------+

5 rows in set (0.009 sec)

**Contents of table :**

MariaDB [Booker\_Wholesale]> insert into customer values(100001,'aniket','navgane',9769987279,'mumbai'),(100002,'mahendra','more',9537141212,'surat'),(100003,'amit','satle',2222444499,'thane'),(100004,'omkar','singh',1234562542,'delhi'),(100005,'virat','kohli',8879192905,'pune'),(100006,'rohit','sharma',9988755442,'hyderabad');

Query OK, 6 rows affected (0.003 sec)

Records: 6 Duplicates: 0 Warnings: 0

MariaDB [Booker\_Wholesale]> insert into customer(customer\_fname,customer\_lname,contact\_no,city)values('rahul','dravid',2211335460,'hyderabad'),('manish','pandey',1326549871,'delhi'),('kedar','jadhav',4562157892,'pune'),('umesh','yadav',1235264897,'thane'),('axar','patel',4562137812,'surat'),('ajinkya','rahane',1234567891,'mumbai'),('sunil','kadam',9877546123,'thane'),('ganesh','patil',6542389178,'mumbai'),('hardik','pandya',3216549875,'surat'),('pravin','kumar',1234569552,'delhi'),('anup','kumar',5462138251,'pune'),('sanju','samson',4563219875,'hyderabad'),('jitu','singh',5462138526,'mumbai'),('vikas','jadhav',3215428794,'thane'),('hitesh','chavan',8576412382,'mumbai');

Query OK, 15 rows affected (0.003 sec)

Records: 15 Duplicates: 0 Warnings: 0

MariaDB [Booker\_Wholesale]> select \* from customer;

+-------------+----------------+----------------+------------+-----------+

| customer\_id | customer\_fname | customer\_lname | contact\_no | city |

+-------------+----------------+----------------+------------+-----------+

| 100001 | aniket | navgane | 9769987279 | mumbai |

| 100002 | mahendra | more | 9537141212 | surat |

| 100003 | amit | satle | 2222444499 | thane |

| 100004 | omkar | singh | 1234562542 | delhi |

| 100005 | virat | kohli | 8879192905 | pune |

| 100006 | rohit | sharma | 9988755442 | hyderabad |

| 100007 | rahul | dravid | 2211335460 | hyderabad |

| 100008 | manish | pandey | 1326549871 | delhi |

| 100009 | kedar | jadhav | 4562157892 | pune |

| 100010 | umesh | yadav | 1235264897 | thane |

| 100011 | axar | patel | 4562137812 | surat |

| 100012 | ajinkya | rahane | 1234567891 | mumbai |

| 100013 | sunil | kadam | 9877546123 | thane |

| 100014 | ganesh | patil | 6542389178 | mumbai |

| 100015 | hardik | pandya | 3216549875 | surat |

| 100016 | pravin | kumar | 1234569552 | delhi |

| 100017 | anup | kumar | 5462138251 | pune |

| 100018 | sanju | samson | 4563219875 | hyderabad |

| 100019 | jitu | singh | 5462138526 | mumbai |

| 100020 | vikas | jadhav | 3215428794 | thane |

| 100021 | hitesh | chavan | 8576412382 | mumbai |

+-------------+----------------+----------------+------------+-----------+

21 rows in set (0.000 sec)

**PRODUCT :**

This table shows the details of products available in booker wholesale in all branches I.e. product\_mrp,stock\_quantity

**Structure of table :**

MariaDB [Booker\_Wholesale]> create table product(product\_code int primary key auto\_increment,product\_name varchar(10),dept\_id int not null,product\_mrp int not null,stock\_quantity int,product\_mfg date not null,product\_exp date not null);

Query OK, 0 rows affected (0.018 sec)

MariaDB [Booker\_Wholesale]> desc product;

+----------------+-------------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+----------------+-------------+------+-----+---------+----------------+

| product\_code | int(11) | NO | PRI | NULL | auto\_increment |

| product\_name | varchar(10) | YES | | NULL | |

| dept\_id | int(11) | NO | | NULL | |

| product\_mrp | int(11) | NO | | NULL | |

| stock\_quantity | int(11) | YES | | NULL | |

| product\_mfg | date | NO | | NULL | |

| product\_exp | date | NO | | NULL | |

+----------------+-------------+------+-----+---------+----------------+

7 rows in set (0.012 sec)

MariaDB [Booker\_Wholesale]> alter table product modify product\_name varchar(50);

Query OK, 0 rows affected (0.009 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [Booker\_Wholesale]> desc product;

+----------------+-------------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+----------------+-------------+------+-----+---------+----------------+

| product\_code | int(11) | NO | PRI | NULL | auto\_increment |

| product\_name | varchar(50) | YES | | NULL | |

| dept\_id | int(11) | NO | | NULL | |

| product\_mrp | int(11) | NO | | NULL | |

| stock\_quantity | int(11) | YES | | NULL | |

| product\_mfg | date | NO | | NULL | |

| product\_exp | date | NO | | NULL | |

+----------------+-------------+------+-----+---------+----------------+

7 rows in set (0.009 sec)

**Contents of table :**

MariaDB [Booker\_Wholesale]> insert into product values(60001,'ThumpsUp\_250ml',104,20,500,'2022-01-12','2022-05-11'),(60002,'Arial\_250gm',106,55,450,'2022-02-15','2023-02-14'),(60003,'Ponds\_400gm',105,310,760,'2022-02-22','2022-08-21'),(60004,'Goodday\_100gm',107,20,890,'2022-04-04','2022-08-03'),(60005,'Sunday\_sfo',108,215,350,'2022-03-12','2022-07-11'),(60006,'AmulDahi',109,25,250,'2022-06-21','2022-08-20');

Query OK, 6 rows affected (0.003 sec)

Records: 6 Duplicates: 0 Warnings: 0

MariaDB [booker\_wholesale]> insert into product(product\_name,dept\_id,product\_mrp,stock\_quantity, product\_mfg, product\_exp)values('Sprite\_1.25l',104,60,280,'2022-04-09','2022-10-08'),('Mazza\_250ml',104,20,340,'2022-03-20','2022-07-19'),('Redbull\_250ml',104,90,750,'2022-02-14','2022-06-13'),('vimliquid\_250ml',106,50,570,'2022-05-21','2022-11-20'),('Rinbar\_250gm',106,20,450,'2022-01-01','2022-07-31'),('Comfort\_500ml',106,95,335,'2022-02-16','2022-10-15'),('Lifebuoysoap',105,10,800,'2022-03-14','2022-09-13'),('Colgate\_150gm',105,25,270,'2022-04-08','2022-08-07'),('Luxshampoo',105,115,245,'2022-03-18','2022-09-17'),('Parlemarie\_250gm',107,25,310,'2022-04-14','2022-08-13'),('Maggi\_80gm',107,24,180,'2022-02-20','2022-06-19'),('Society\_tea\_500gm',107,170,570,'2022-05-22','2022-09-21'),('Everest\_250gm',108,75,234,'2022-04-17','2022-08-16'),('Priya\_sfo',108,190,265,'2022-03-12','2022-07-11'),('Amul\_butter250gm',109,125,450,'2022-01-28','2022-05-27'),('Cadbury\_50gm',109,20,360,'2022-06-17','2022-10-16');

Query OK, 16 rows affected (0.053 sec)

Records: 16 Duplicates: 0 Warnings: 0

MariaDB [booker\_wholesale]> select \* from product;

+--------------+-------------------+---------+-------------+----------------+-------------+-------------+

| product\_code | product\_name | dept\_id | product\_mrp | stock\_quantity | product\_mfg | product\_exp |

+--------------+-------------------+---------+-------------+----------------+-------------+-------------+

| 60001 | ThumpsUp\_250ml | 104 | 20 | 500 | 2022-01-12 | 2022-05-11 |

| 60002 | Arial\_250gm | 106 | 55 | 450 | 2022-02-15 | 2023-02-14 |

| 60003 | Ponds\_400gm | 105 | 310 | 760 | 2022-02-22 | 2022-08-21 |

| 60004 | Goodday\_100gm | 107 | 20 | 890 | 2022-04-04 | 2022-08-03 |

| 60005 | Sunday\_sfo | 108 | 215 | 350 | 2022-03-12 | 2022-07-11 |

| 60006 | AmulDahi | 109 | 25 | 250 | 2022-06-21 | 2022-08-20 |

| 60007 | Sprite\_1.25l | 104 | 60 | 280 | 2022-04-09 | 2022-10-08 |

| 60008 | Mazza\_250ml | 104 | 20 | 340 | 2022-03-20 | 2022-07-19 |

| 60009 | Redbull\_250ml | 104 | 90 | 750 | 2022-02-14 | 2022-06-13 |

| 60010 | vimliquid\_250ml | 106 | 50 | 570 | 2022-05-21 | 2022-11-20 |

| 60011 | Rinbar\_250gm | 106 | 20 | 450 | 2022-01-01 | 2022-07-31 |

| 60012 | Comfort\_500ml | 106 | 95 | 335 | 2022-02-16 | 2022-10-15 |

| 60013 | Lifebuoysoap | 105 | 10 | 800 | 2022-03-14 | 2022-09-13 |

| 60014 | Colgate\_150gm | 105 | 25 | 270 | 2022-04-08 | 2022-08-07 |

| 60015 | Luxshampoo | 105 | 115 | 245 | 2022-03-18 | 2022-09-17 |

| 60016 | Parlemarie\_250gm | 107 | 25 | 310 | 2022-04-14 | 2022-08-13 |

| 60017 | Maggi\_80gm | 107 | 24 | 180 | 2022-02-20 | 2022-06-19 |

| 60018 | Society\_tea\_500gm | 107 | 170 | 570 | 2022-05-22 | 2022-09-21 |

| 60019 | Everest\_250gm | 108 | 75 | 234 | 2022-04-17 | 2022-08-16 |

| 60020 | Priya\_sfo | 108 | 190 | 265 | 2022-03-12 | 2022-07-11 |

| 60021 | Amul\_butter250gm | 109 | 125 | 450 | 2022-01-28 | 2022-05-27 |

| 60022 | Cadbury\_50gm | 109 | 20 | 360 | 2022-06-17 | 2022-10-16 |

+--------------+-------------------+---------+-------------+----------------+-------------+-------------+

22 rows in set (0.007 sec)