

**UNIVERSITY OF BUEA**  
**FET**  
**COMPUTER Eng. DEPARTMENT**

Assignment: **Wash house Database Management (Online System)**

***COURSE CODE &TITLE: DATABASE MANAGEMENT SYSTEM***  
**PRACTICE CEF304**

by,

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## Database For a Wash House Web Site

### Requirements:

1. The database is required to store and manage all the data concerning the online customers of a wash house, that is payment of all their services on the online platform of the wash house in question.
  - A table 'Users' keeps trac of all the users.
  - A table 'Orders' keeps trac of the commands or orders given by the users.
  - A table 'ContactUs' store and records all the comments and feedback on the platform.
  - A table 'Users\_has\_Orders' records the users request and orders including quantity ordered.
2. The database should manage the account for all users and include privacy for each account.
  - Use of passwords

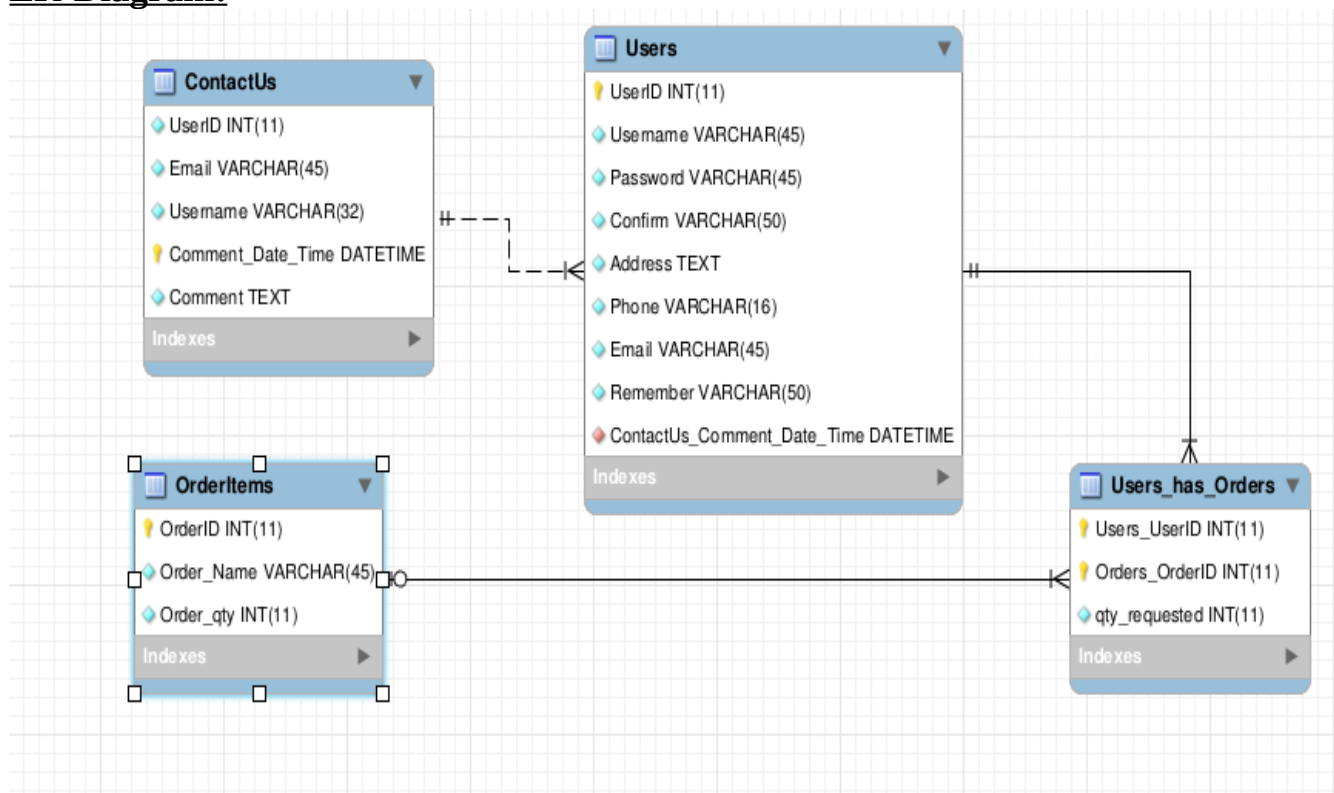
### Softwares used:

1. Ubuntu14 OS
2. MySql-Work-Bench
3. Sublime text editor
4. LiberOffice Writer

### Hardwares used:

1. Hp laptop
2. 4G RAM capacity
3. Dual core
4. 500G hard disk space

### ER-Diagram:



## **Source Code:**

```
SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0;
SET@OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS,
FOREIGN_KEY_CHECKS=0;
SET@OLD\_SQL\_MODE=@@SQL\_MODE,SQL\_MODE='TRADITIONAL,ALLOW\_INVALID\_D
ATES';
```

```
CREATE SCHEMA IF NOT EXISTS `Site` DEFAULT CHARACTER SET latin1 ;
USE `Site` ;
```

```
-- -----
-- Table `Site`.`ContactUs`
-- -----
CREATE TABLE IF NOT EXISTS `Site`.`ContactUs` (
  `UserID` INT(11) NOT NULL,
  `Email` VARCHAR(45) NOT NULL,
  `Username` VARCHAR(32) NOT NULL,
  `Comment_Date_Time` DATETIME NOT NULL,
  `Comment` TEXT NOT NULL,
  PRIMARY KEY (`Comment_Date_Time`))
ENGINE = InnoDB
DEFAULT CHARACTER SET = latin1;
```

```
-- -----
-- Table `Site`.`Orders`
-- -----
CREATE TABLE IF NOT EXISTS `Site`.`Order` (
  `OrderID` INT(11) NOT NULL,
  `Order_Name` VARCHAR(45) NOT NULL,
  `Order_qty` INT(11) NOT NULL,
  PRIMARY KEY (`OrderID`))
ENGINE = InnoDB
DEFAULT CHARACTER SET = latin1;
```

```
-- -----
-- Table `Site`.`Users`
-- -----
CREATE TABLE IF NOT EXISTS `Site`.`Users` (
  `UserID` INT(11) NOT NULL AUTO_INCREMENT,
  `Username` VARCHAR(45) NOT NULL,
  `Password` VARCHAR(45) NOT NULL,
  `Confirm` VARCHAR(50) NOT NULL,
  `Address` TEXT NOT NULL,
  `Phone` VARCHAR(16) NOT NULL,
  `Email` VARCHAR(45) NOT NULL,
```

```

`Remember` VARCHAR(50) NOT NULL,
`ContactUs_Comment_Date_Time` DATETIME NOT NULL,
PRIMARY KEY (`UserID`),
UNIQUE INDEX `Email` (`Email` ASC),
INDEX `fk_Users_ContactUs_idx` (`ContactUs_Comment_Date_Time` ASC),
UNIQUE INDEX `ContactUs_Comment_Date_Time_UNIQUE` (`ContactUs_Comment_Date_Time`
ASC),
CONSTRAINT `fk_Users_ContactUs`
  FOREIGN KEY (`ContactUs_Comment_Date_Time`)
  REFERENCES `Site`.`ContactUs` (`Comment_Date_Time`)
  ON DELETE NO ACTION
  ON UPDATE NO ACTION)
ENGINE = InnoDB
AUTO_INCREMENT = 4
DEFAULT CHARACTER SET = latin1;

```

```

-----
-- Table `Site`.`Users_has_Orders`
-----
CREATE TABLE IF NOT EXISTS `Site`.`Users_has_Orders` (
  `Users_UserID` INT(11) NOT NULL,
  `Orders_OrderID` INT(11) NOT NULL,
  `qty_requested` INT(11) NOT NULL,
  PRIMARY KEY (`Users_UserID`, `Orders_OrderID`),
  INDEX `fk_Users_has_Orders_Orders1_idx` (`Orders_OrderID` ASC),
  INDEX `fk_Users_has_Orders_Users1_idx` (`Users_UserID` ASC),
  CONSTRAINT `fk_Users_has_Orders_Users1`
    FOREIGN KEY (`Users_UserID`)
    REFERENCES `Site`.`Users` (`UserID`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION,
  CONSTRAINT `fk_Users_has_Orders_Orders1`
    FOREIGN KEY (`Orders_OrderID`)
    REFERENCES `Site`.`Orders` (`OrderID`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB
DEFAULT CHARACTER SET = latin1;

```

```

SET SQL_MODE=@OLD_SQL_MODE;
SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS;
SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS;

```

OutPut:

Query 1 x

1

2

3

4

select \* from Users;

Disconnected Network

Result Set Filter:

Edit:

Export/Import:

Wrap Cell Content:

#	UserID	Username	Password	Confirm	
1	1	Perside	*76DFEB1B644AE9F0C87FEA4094C441D91FAABACC	*76DFEB1B644AE9F0C87FEA4094C441D91FAABACC	M
2	2	Rosalie	*76DFEB1B644AE9F0C87FEA4094C441D91FAABACC	*76DFEB1B644AE9F0C87FEA4094C441D91FAABACC	M
3	3	me	*4255D82DABE59495D8E0ADC93D06F3655058AAF7	*4255D82DABE59495D8E0ADC93D06F3655058AAF7	M
*	NULL	NULL	NULL	NULL	NULL

Users 6 x

Apply Revert

Query 1 x

1

2

3

select \*from Orders;

Result Set Filter:

Edit:

Export/Import:

Wrap Cell Content:

#	OrderID	Order_Name	Order_qty
1	1	wash machine	4
2	2	pink dress	3
3	3	detergent	13
*	NULL	NULL	NULL

Orders 18 x

Apply Revert