CREATE DATABASE `restaurant\_kot` DEFAULT charset=utf8;

CREATE TABLE `users`(

`id` INT(11) NOT NULL AUTO\_INCREMENT,

`display\_name` VARCHAR(70) NOT NULL,

`user\_name` VARCHAR(20) NOT NULL,

`password` char(30) NOT NULL ,

PRIMARY KEY(`id`)

)ENGINE=INNODB DEFAULT charset=utf8;

ALTER TABLE `users` ADD UNIQUE(`user\_name`);

CREATE TABLE `waiters`(

`id` INT(11) NOT NULL AUTO\_INCREMENT,

`full\_name` VARCHAR(70) NOT NULL ,

`father\_name` VARCHAR(70) NOT NULL,

`waiter\_number` VARCHAR(20) NOT NULL UNIQUE,

`phone\_number` VARCHAR(20) NOT NULL,

`cnic` VARCHAR(15) NOT NULL UNIQUE,

`address` VARCHAR(70) NOT NULL,

`is\_active` INT(1) NOT NULL DEFAULT 1,

PRIMARY KEY(`id`)

)ENGINE=INNODB DEFAULT charset=utf8;

CREATE TABLE `tables`(

`id` INT(11) NOT NULL AUTO\_INCREMENT,

`table\_number` VARCHAR(20) NOT NULL UNIQUE,

`is\_available` INT(1) NOT NULL DEFAULT 1,

PRIMARY KEY(`id`)

)ENGINE=INNODB DEFAULT charset=utf8;

CREATE TABLE `menu\_items`(

`id` INT(11) NOT NULL AUTO\_INCREMENT,

`item\_name` VARCHAR(20) NOT NULL ,

`price` VARCHAR(20) NOT NULL,

PRIMARY KEY(`id`)

)ENGINE=INNODB DEFAULT charset=utf8;

CREATE TABLE `payment\_methods`(

`id` VARCHAR(50) NOT NULL UNIQUE,

`title` VARCHAR(50) NOT NULL UNIQUE

)ENGINE=INNODB DEFAULT charset=utf8;

[ALTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `users` CHANGE `user\_name` `user\_name` [VARCHAR](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/string-types.html)(100) [CHARACTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/logical-operators.html" \l "operator_not) NULL, CHANGE `password` `password` [CHAR](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/string-types.html)(100) [CHARACTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/logical-operators.html" \l "operator_not) NULL;

[ALTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `menu\_items` CHANGE `item\_name` `item\_name` [VARCHAR](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/string-types.html)(100) [CHARACTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/logical-operators.html" \l "operator_not) NULL, CHANGE `price` `price` [INT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(11) [NOT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/logical-operators.html" \l "operator_not) NULL;

[ALTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `menu\_items` ADD UNIQUE(`item\_name`);

INSERT INTO `payment\_methods`(`id`, `title`)

VALUES ('CASH', 'Cash'),

('CHEQUE', 'Cheque'),

('CREDIT\_CARD', 'Credit Card');

INSERT INTO `payment\_methods`(`id`, `title`)

VALUES ('PENDING', 'Pending');

CREATE TABLE `restaurant\_kot`(

`id` INT(11) NOT NULL AUTO\_INCREMENT,

`table\_id` INT(11) NOT NULL,

`total\_amount\_receivable` INT(11) NOT NULL,

`total\_received\_amount` INT(11) NOT NULL,

`discount\_percentage` INT(2) NOT NULL,

`discount\_amount` INT(11) NOT NULL,

`net\_amount` INT(11) NOT NULL,

`is\_transfered\_to\_pending\_payments` INT(1) NOT NULL DEFAULT 0,

`is\_pending\_payment\_closed` INT(1) NOT NULL DEFAULT 0,

`payment\_method` VARCHAR(50) NOT NULL,

`bill\_date\_time` DATETIME DEFAULT NULL,

`waiter\_id` INT(11) NOT NULL,

PRIMARY KEY(`id`),

CONSTRAINT `fk\_restaurant\_kot\_table\_id` FOREIGN KEY(`table\_id`) REFERENCES `tables`(`id`),

CONSTRAINT `fk\_restaurant\_kot\_payment\_method` FOREIGN KEY(`payment\_method`) REFERENCES `payment\_methods`(`id`),

CONSTRAINT `fk\_restaurant\_kot\_waiter\_id` FOREIGN KEY(`waiter\_id`) REFERENCES `waiters`(`id`)

)ENGINE=INNODB DEFAULT charset=utf8;

CREATE TABLE `restaurant\_kot\_details`(

`id` INT(11) NOT NULL AUTO\_INCREMENT,

`kot\_id` INT(11) NOT NULL,

`item\_id` INT(11) NOT NULL,

`quantity` INT(11) NOT NULL,

`rate` INT(11) NOT NULL,

`bulk\_id` VARCHAR(50) NOT NULL,

`insertion\_date\_time` DATETIME NOT NULL,

`inserted\_by\_user\_id` INT(11) NOT NULL,

PRIMARY KEY(`id`),

CONSTRAINT `fk\_restaurant\_kot\_details\_kot\_id` FOREIGN KEY(`kot\_id`) REFERENCES `restaurant\_kot`(`id`),

CONSTRAINT `fk\_restaurant\_kot\_details\_item\_id` FOREIGN KEY(`item\_id`) REFERENCES `menu\_items`(`id`),

CONSTRAINT `fk\_restaurant\_kot\_details\_inserted\_by\_user\_id` FOREIGN KEY(`inserted\_by\_user\_id`) REFERENCES `users`(`id`)

)ENGINE=INNODB DEFAULT charset=utf8;