**tblmenu**– this table will store the list of menu/food. It has 3 columns as presented below.

* menu\_id – primary key of the table. It is set usually to auto\_increment (the database will automatically give this column a value starting from 1).
* menu\_name – the name of the menu.
* price – the retail amount of the food.
* menu\_type\_id – this is a foreign key that links to the tblmenutype, this column refers to the type of menu or the category the food belongs to.
* menu\_image – the picture of the menu or food.
* ingredients – the specific list of ingredients used in the menu/food.
* menu\_status – this refers to the availability of the menu; 0 means not available, 1 means available.

**Create SQL Statement** – the statement below is used to create the tblmenu, copy the sql statement and paste it in the sql manager/tab of your phpmyadmin.

CREATE TABLE IF NOT EXISTS `tblmenu` (

`menu\_id` int(11) NOT NULL AUTO\_INCREMENT,

`menu\_name` varchar(100) NOT NULL,

`price` float NOT NULL,

`menu\_type\_id` int(11) NOT NULL,

`menu\_image` blob NOT NULL,

`ingredients` varchar(500) NOT NULL,

`menu\_status` int(1) NOT NULL,

PRIMARY KEY (`menu\_id`),

KEY `menu\_type\_id` (`menu\_type\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO\_INCREMENT=1 ;

**tblmenutype**– this table holds the records of the different food category. The table has 3 columns.

* menu\_type\_id – primary key of the table. It is set usually to auto\_increment (the database will automatically give this column a value starting from 1).
* type\_name – the category name of the menu.
* description – description or brief explanation about the menu type.

**Create SQL Statement** – the statement below is used to create the tblmenutype, copy the sql statement and paste it in the sql manager/tab of your phpmyadmin.

CREATE TABLE IF NOT EXISTS `tblmenutype` (

`menu\_type\_id` int(11) NOT NULL AUTO\_INCREMENT,

`type\_name` varchar(50) NOT NULL,

`description` varchar(100) NOT NULL,

PRIMARY KEY (`menu\_type\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO\_INCREMENT=1 ;

**tblcustomer** – information of the customer will be stored in this table and it has 11 columns.

* customer\_id – primary key of the table. It is set usually to auto\_increment (the database will automatically give this column a value starting from 1).
* customer\_first\_name – first name of the customer.
* customer\_last\_name – last name of the customer.
* customer\_middle\_name – middle name of the customer.
* customer\_email – email address of the customer. Notification and confirmation of orders will be sent in the email of the customer.
* customer\_phone\_number – cellphone number of the customer. Notification and confirmation of orders will be sent in the email of the customer
* customer\_landline – landline contact of the customer
* profile\_image – profile image of the customer.
* customer\_username – desired username of the customer.
* customer\_password – desired password of the customer.
* account\_status – account status refers to if the customer is still active or not.

**Create SQL Statement** – the statement below is used to create the tblcustomer, copy the sql statement and paste it in the sql manager/tab of your phpmyadmin.

CREATE TABLE IF NOT EXISTS `tblcustomer` (

`customer\_id` int(11) NOT NULL AUTO\_INCREMENT,

`customer\_first\_name` varchar(30) NOT NULL,

`customer\_last\_name` varchar(30) NOT NULL,

`customer\_middle\_name` varchar(30) NOT NULL,

`customer\_email` varchar(50) NOT NULL,

`customer\_phone\_number` varchar(15) NOT NULL,

`customer\_landline` varchar(15) NOT NULL,

`profile\_image` blob NOT NULL,

`customer\_username` varchar(30) NOT NULL,

`customer\_password` varchar(30) NOT NULL,

`account\_status` int(1) NOT NULL,

PRIMARY KEY (`customer\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO\_INCREMENT=1 ;

**tbluser** – information of authorized user of the system are stored in this table and it has 6 columns.

* user\_id – primary key of the table. It is set usually to auto\_increment (the database will automatically give this column a value starting from 1).
* full\_name – complete name of the user.
* contact – contact information (phone or landline).
* email\_address – email address of the user.
* username – username of the user.
* password – password of the user.

**Create SQL Statement** – the statement below is used to create the tbluser, copy the sql statement and paste it in the sql manager/tab of your phpmyadmin.

CREATE TABLE IF NOT EXISTS `tbluser` (

`user\_id` int(11) NOT NULL AUTO\_INCREMENT,

`full\_name` varchar(100) NOT NULL,

`contact` varchar(50) NOT NULL,

`email\_address` varchar(50) NOT NULL,

`username` varchar(30) NOT NULL,

`password` varchar(30) NOT NULL,

PRIMARY KEY (`user\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO\_INCREMENT=1 ;

**tblorder** – customer orders are stored in the tblorder and this table has 6 columns.

* order\_id – primary key of the table. It is set usually to auto\_increment (the database will automatically give this column a value starting from 1).
* customer\_id – this is the foreign key that links to the customer table. It refers to the customer who ordered the food.
* order\_date – the date of order.
* total\_amount – the amount to be paid by the customer
* order\_status – status of order (0-pending, 1-confirmed, 2-cancelled).
* processed\_by – this is a foreign key that connects or links to the user table. It refers to the user who processed the transaction.

**Create SQL Statement** – the statement below is used to create the tblorder, copy the sql statement and paste it in the sql manager/tab of your phpmyadmin.

CREATE TABLE IF NOT EXISTS `tblorder` (

`order\_id` int(11) NOT NULL AUTO\_INCREMENT,

`customer\_id` int(11) NOT NULL,

`order\_date` date NOT NULL,

`total\_amount` float NOT NULL,

`order\_status` int(1) NOT NULL,

`processed\_by` int(11) NOT NULL,

PRIMARY KEY (`order\_id`),

KEY `customer\_id` (`customer\_id`,`processed\_by`),

KEY `processed\_by` (`processed\_by`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO\_INCREMENT=1 ;

**tblorderdetails** – order details stores the detailed customer orders of the customer. The table has 6 columns.

* order\_details\_id – primary key of the table. It is set usually to auto\_increment (the database will automatically give this column a value starting from 1).
* order\_id – foreign key that links to the order table.
* menu\_id – foreign key that links to the menu table.
* amount – amount of the food or menu.
* no\_of\_serving – refers to the number of orders.
* total\_amount – total amount is equal to amount multiply by the number of serving.

**Create SQL Statement** – the statement below is used to create the tblorderdetails, copy the sql statement and paste it in the sql manager/tab of your phpmyadmin.

CREATE TABLE IF NOT EXISTS `tblorderdetails` (

`order\_details\_id` int(11) NOT NULL AUTO\_INCREMENT,

`order\_id` int(11) NOT NULL,

`menu\_id` int(11) NOT NULL,

`amount` float NOT NULL,

`no\_of\_serving` int(4) NOT NULL,

`total\_amount` float NOT NULL,

PRIMARY KEY (`order\_details\_id`),

KEY `order\_id` (`order\_id`,`menu\_id`),

KEY `menu\_id` (`menu\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO\_INCREMENT=1 ;

**tblpayment** – payment transactions are recorded and stored on this table. This table has 6 columns.

* payment\_id – primary key of the table. It is set usually to auto\_increment (the database will automatically give this column a value starting from 1).
* order\_id – foreign key that points out to the order table.
* amount – amount paid by the customer.
* paid\_by – name of person who paid the transactions.
* payment\_date – date of payment.
* processed\_by – this is a foreign key that connects or links to the user table. It refers to the user who processed the transaction.

**Create SQL Statement** – the statement below is used to create the tblpayment, copy the sql statement and paste it in the sql manager/tab of your phpmyadmin.

CREATE TABLE IF NOT EXISTS `tblpayment` (

`payment\_id` int(11) NOT NULL AUTO\_INCREMENT,

`order\_id` int(11) NOT NULL,

`amount` float NOT NULL,

`paid\_by` varchar(50) NOT NULL,

`payment\_date` date NOT NULL,

`processed\_by` int(11) NOT NULL,

PRIMARY KEY (`payment\_id`),

KEY `order\_id` (`order\_id`,`processed\_by`),

KEY `processed\_by` (`processed\_by`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO\_INCREMENT=1 ;

**tblrating** – rating and comments of the customers are stored in this table. It has 5 columns.

* rating\_id – primary key of the table. It is set usually to auto\_increment (the database will automatically give this column a value starting from 1).
* menu\_id – foreign key that links to the menu table.
* score – score provided by the customer (1-5 scale, 1 as the lowest and 5 as the highest)
* remarks – comments, suggestions and recommendations of the customers.
* date\_recorded
* customer\_id – foreign key that links to customer information.

**Create SQL Statement** – the statement below is used to create the tblrating, copy the sql statement and paste it in the sql manager/tab of your phpmyadmin.

CREATE TABLE IF NOT EXISTS `tblrating` (

`rating\_id` int(11) NOT NULL AUTO\_INCREMENT,

`menu\_id` int(11) NOT NULL,

`score` int(1) NOT NULL,

`remarks` varchar(100) NOT NULL,

`date\_recorded` date NOT NULL,

`customer\_id` int(11) NOT NULL,

PRIMARY KEY (`rating\_id`),

KEY `menu\_id` (`menu\_id`),

KEY `customer\_id` (`customer\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO\_INCREMENT=1 ;

Online Food Ordering System Database Design – Table Relationship

**tblsiteinfo** – information of the website or company is stored in this table.

* site\_info\_id – primary key of the table. It is set usually to auto\_increment (the database will automatically give this column a value starting from 1).
* site\_name – name of the website.
* description – description of the company.
* contact\_info – contact information of the company.
* address – address of the company.
* last\_update – the date the information was last updated.

**Create SQL Statement** – the statement below is used to create the tblsiteinfo, copy the sql statement and paste it in the sql manager/tab of your phpmyadmin.

CREATE TABLE IF NOT EXISTS `tblsiteinfo` (

`site\_info\_id` int(11) NOT NULL AUTO\_INCREMENT,

`site\_name` varchar(30) NOT NULL,

`description` varchar(100) NOT NULL,

`contact\_info` varchar(15) NOT NULL,

`address` varchar(100) NOT NULL,

`last\_update` date NOT NULL,

`user\_id` int(11) NOT NULL,

PRIMARY KEY (`site\_info\_id`),

KEY `user\_id` (`user\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO\_INCREMENT=1 ;

**Constraints for dumped tables**

--

-- Constraints for table `tblmenu`

--

ALTER TABLE `tblmenu`

ADD CONSTRAINT `tblmenu\_ibfk\_1` FOREIGN KEY (`menu\_type\_id`) REFERENCES `tblmenutype` (`menu\_type\_id`) ON DELETE CASCADE ON UPDATE CASCADE;

--

-- Constraints for table `tblorder`

--

ALTER TABLE `tblorder`

ADD CONSTRAINT `tblorder\_ibfk\_2` FOREIGN KEY (`customer\_id`) REFERENCES `tblcustomer` (`customer\_id`) ON DELETE CASCADE ON UPDATE CASCADE,

ADD CONSTRAINT `tblorder\_ibfk\_1` FOREIGN KEY (`processed\_by`) REFERENCES `tbluser` (`user\_id`) ON DELETE CASCADE ON UPDATE CASCADE;

--

-- Constraints for table `tblorderdetails`

--

ALTER TABLE `tblorderdetails`

ADD CONSTRAINT `tblorderdetails\_ibfk\_2` FOREIGN KEY (`order\_id`) REFERENCES `tblorder` (`order\_id`) ON DELETE CASCADE ON UPDATE CASCADE,

ADD CONSTRAINT `tblorderdetails\_ibfk\_1` FOREIGN KEY (`menu\_id`) REFERENCES `tblmenu` (`menu\_id`) ON DELETE CASCADE ON UPDATE CASCADE;

--

-- Constraints for table `tblpayment`

--

ALTER TABLE `tblpayment`

ADD CONSTRAINT `tblpayment\_ibfk\_2` FOREIGN KEY (`order\_id`) REFERENCES `tblorder` (`order\_id`) ON DELETE CASCADE ON UPDATE CASCADE,

ADD CONSTRAINT `tblpayment\_ibfk\_1` FOREIGN KEY (`processed\_by`) REFERENCES `tbluser` (`user\_id`) ON DELETE CASCADE ON UPDATE CASCADE;

--

-- Constraints for table `tblrating`

--

ALTER TABLE `tblrating`

ADD CONSTRAINT `tblrating\_ibfk\_2` FOREIGN KEY (`customer\_id`) REFERENCES `tblcustomer` (`customer\_id`) ON DELETE CASCADE ON UPDATE CASCADE,

ADD CONSTRAINT `tblrating\_ibfk\_1` FOREIGN KEY (`menu\_id`) REFERENCES `tblmenu` (`menu\_id`) ON DELETE CASCADE ON UPDATE CASCADE;

--

-- Constraints for table `tblsiteinfo`

--

ALTER TABLE `tblsiteinfo`

ADD CONSTRAINT `tblsiteinfo\_ibfk\_1` FOREIGN KEY (`user\_id`) REFERENCES `tbluser` (`user\_id`) ON DELETE CASCADE ON UPDATE CASCADE;

[Free Download .sql file](https://drive.google.com/file/d/10VFlRv9j9YlEpGe-vCsl8W-_xLzg596b/view?usp=sharing)

Our team can modify the project based on your specific business requirements.

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Post navigation