Legend

Primary key Primary key disabled



User-defined primary key Unique key



Unique key disabled User-defined unique key Active trigger



Disabled trigger Primary key relation

User-defined primary key relation Foreign key relation User-defined foreign key relation Input



Output



Input/Output



Nullable



1. Mart Shopping Online Platform
   1. Tables

1.1.1. Table: category (Category)

This table contains data about the catergories of different food items sold by Restaurents.

Ex - Pizza, Pasta, Burger

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data type | N | Description / Attributes |
|  |  |  |  |  |
|  | category id | int(10, 0) |  | Primary key of the category |
|  |  |  |  |  |
|  | category name | varchar(100) |  | Category name |
|  |  |  |  |  |
|  | tag | varchar(100) |  | tag name 1 |
|  |  |  |  |  |
|  | tag1 | varchar(100) |  | tag name 1 |
|  |  |  |  |  |
|  | tag3 | varchar(100) |  | tag name 3 |
|  |  |  |  |  |



1.1.2. Table: courier (Courier)

This table contains data about the Courier who deliver the order to the door step of the customer. All Courier related master data contain on this table.

Columns

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Name | Data type | N | Description / Attributes |  |
|  |  |  |  |  |  |
|  | courierId | int(10, 0) |  | Primary Key of the Courier table |  |
|  |  | Identity / Auto increment column |  |
|  |  |  |  |  |
|  |  |  |  |  |  |
|  | city | varchar(255) |  | City where the courier is available |  |
|  |  |  |  |  |  |
|  | nic | varchar(50) |  | National Identity Card Number of the Courier Service Provider Owner |  |
|  |  |  |  |  |  |
|  | address | varchar(50) |  | Permanent Address of the courier provider |  |
|  |  |  |  |  |  |
|  | image\_path | varchar(5000) |  | image of the courier provider |  |
|  |  |  |  |  |  |
|  | contact\_no | int(10, 0) |  | contact number of the courier provider |  |
|  |  |  |  |  |  |
|  | vehicle\_no | varchar(255) |  | vehicle number of the courier provider |  |
|  |  |  |  |  |  |
|  | courier\_name | varchar(255) |  | name of the courier provider |  |
|  |  |  |  |  |  |
|  | district | varchar(255) |  | district of the courier provider |  |
|  |  |  |  |  |  |
|  | email | varchar(255) |  | email of the courier provider |  |
|  |  |  |  |  |  |
|  | province | varchar(255) |  | province of the courier provider |  |
|  |  |  |  |  |  |
|  | imagepath | varchar(10000) |  |  |  |
|  |  |  |  |  |  |



1.1.3. Table: customer (Customer)

All end user customer related data recorded in this table.

Columns

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Name | Data type | N | Description / Attributes |  |
|  |  |  |  |  |  |
|  | customerId | int(10, 0) |  | Primary key of the customer table is customer unique id |  |
|  |  | Identity / Auto increment column |  |
|  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data type | N | Description / Attributes |
|  |  |  |  |  |
|  | city | varchar(255) |  | City of the Customer |
|  |  |  |  |  |
|  | geolocation | varchar(255) |  | Geo Cordinations of the customer address |
|  |  |  |  |  |
|  | customerAddress | varchar(255) |  | Address of the Customer |
|  |  |  |  |  |
|  | customerEmail | varchar(255) |  | Email of the Customer |
|  |  |  |  |  |
|  | customerName | varchar(255) |  | Name of the Customer |
|  |  |  |  |  |
|  | district | varchar(255) |  | District of the Customer |
|  |  |  |  |  |
|  | mobileNo | bigint(19, 0) |  | mobile number of the of the customer |
|  |  |  |  |  |
|  | province | varchar(255) |  | province of the customer |
|  |  |  |  |  |
|  | imagepath | varchar(10000) |  | profile image path of the customer |
|  |  |  |  |  |



1.1.4. Table: delivery\_option (Delivery Method)

End Customer can orders

Columns

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Name | Data type | N |  | Description / Attributes |  |
|  |  |  |  |  |  |  |
|  | delivery\_optionid | int(10, 0) |  | Primary id of the delivery option id | |  |
|  |  | Identity / Auto increment column | |  |
|  |  |  |  |  |
|  |  |  |  |  | |  |
|  | cost | double(22) |  | cost of the delivery option | |  |
|  |  |  |  |  |  |  |
|  | description | varchar(255) |  | descrtiption about the | delivery option |  |
|  |  |  |  |  | |  |
|  | type\_name | varchar(255) |  | type name of the delivery option | |  |
|  |  |  |  |  |  |  |



1.1.5. Table: feedback (Customer Feedback)

This table contains the data about the feedback from the end customer. This table contains differnt data about the feedback

Columns

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Name | Data type | N | Description / Attributes |  |
|  |  |  |  |  |  |
|  | fbid | int(10, 0) |  | Primary key of the feedback |  |
|  |  | Identity / Auto increment column |  |
|  |  |  |  |  |
|  |  |  |  |  |  |
|  | dlvrRate | double(22) |  | delivery rating of the feedback |  |
|  |  |  |  |  |  |
|  | email | varchar(255) |  | email of the feedback |  |
|  |  |  |  |  |  |
|  | issues | varchar(255) |  | issue of the feedback |  |
|  |  |  |  |  |  |
|  | name | varchar(255) |  | name of the feedback |  |
|  |  |  |  |  |  |
|  | other | varchar(255) |  | other of the feedback |  |
|  |  |  |  |  |  |
|  | priceRate | double(22) |  | price rate of the feedback |  |
|  |  |  |  |  |  |
|  | productRate | double(22) |  | product rate of the feedback |  |
|  |  |  |  |  |  |
|  | serviceRate | double(22) |  | service rate of the feedback |  |
|  |  |  |  |  |  |
|  | tel | varchar(255) |  | phone number of the feedback user |  |
|  |  |  |  |  |  |



1.1.6. Table: order (Order)

This table contains data about the order

Columns

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Name | Data type | N |  | Description / Attributes |  |
|  |  |  |  |  |  |  |
|  | orderNo | int(10, 0) |  | Primary key of the order table | |  |
|  |  | Identity / Auto increment column | |  |
|  |  |  |  |  |
|  |  |  |  |  | |  |
|  | amount | double(22) |  | amount of the order | |  |
|  |  |  |  |  |  |  |
|  | city | varchar(255) |  | city of the order |  |  |
|  |  |  |  |  | |  |
|  | courierCharj | double(22) |  | courier of the order | |  |
|  |  |  |  |  | |  |
|  | courierPaymentSettledDate | datetime |  | Courier payment settled date | |  |
|  |  |  |  |  | |  |
|  | courierTrackingNo | varchar(255) |  | Tracking Number of the Courier | |  |
|  |  |  |  |  | |  |
|  | date | datetime |  | Date of the courier | |  |
|  |  |  |  |  | |  |
|  | deliveryAddress | varchar(255) |  | Delivery address of the Courier | |  |
|  |  |  |  |  | |  |
|  | deliveryEmail | varchar(255) |  | Email address of the email | |  |
|  |  |  |  |  | |  |
|  | deliveryName | varchar(255) |  | delivery person name of the customer | |  |
|  |  |  |  |  | |  |
|  | deliveryTelephoneNo | varchar(255) |  | phone number of the delivery person | |  |
|  |  |  |  |  | |  |
|  | delveryCost | double(22) |  | delivery cost for the order | |  |
|  |  |  |  |  | |  |
|  | delveryVat | double(22) |  | vat for the order | |  |
|  |  |  |  |  | |  |
|  | district | varchar(255) |  | delivery district for the order | |  |
|  |  |  |  |  | |  |
|  | shopPaymentSettledDate | datetime |  | payment shop settled date for the order | |  |
|  |  |  |  |  | |  |
|  | province | varchar(255) |  | province for the order | |  |
|  |  |  |  |  | |  |
|  | serviceCharg | double(22) |  | service charge for the order | |  |
|  |  |  |  |  | |  |
|  | specialRequest | varchar(255) |  | special request for the order | |  |
|  |  |  |  |  | |  |
|  | statusCourier | varchar(255) |  | status of the order | |  |
|  |  |  |  |  | |  |
|  | statusDescription | varchar(255) |  | description of the order | |  |
|  |  |  |  |  | |  |
|  | statusShop | varchar(255) |  | status of the shop | |  |
|  |  |  |  |  | |  |
|  | vat | double(22) |  | vat of the order | |  |
|  |  |  |  |  |  |  |
|  | courierId | int(10, 0) |  | id of the courier |  |  |
|  |  |  |  |  | |  |
|  | customerEmail | varchar(255) |  | email of the customer of the order | |  |
|  |  |  |  |  |  |  |
|  | delivery\_optionid | int(10, 0) |  | delivery option | of the order |  |
|  |  |  |  |  | |  |
|  | shopNo | int(10, 0) |  | shop of the order | |  |
|  |  |  |  |  |  |  |



1.1.7. Table: product (Products)

This table contains data about different product items.

Columns

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Name | Data type | N | Description / Attributes |  |
|  |  |  |  |  |  |
|  | productId | int(10, 0) |  | Primary Key of the Product |  |
|  |  | Identity / Auto increment column |  |
|  |  |  |  |  |
|  |  |  |  |  |  |
|  | name | varchar(255) |  | name of the product |  |
|  |  |  |  |  |  |
|  | description | varchar(10000) |  | description of the product |  |
|  |  |  |  |  |  |
|  | other\_name | varchar(255) |  | other name of the product |  |
|  |  |  |  |  |  |
|  | imagePath | tinyblob |  | Image path for the product |  |
|  |  |  |  |  |  |
|  |
|  |  |  |  |  |
|  | size | varchar(150) |  | Size of the product |
|  |  |  |  |  |
|  | unitPrice | double(22) |  | Unit Price of the product |
|  |  |  |  |  |
|  | typeId | int(10, 0) |  | Type Id of the product |
|  |  |  |  |  |



1.1.8. Table: product\_order (Products in Order)

This table stores data relatated to Order. Products contained in the order

Columns

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Name | Data type | N | Description / Attributes |  |
|  |  |  |  |  |  |
|  | productOrderId | int(10, 0) |  | Primary Key of the product order table |  |
|  |  | Identity / Auto increment column |  |
|  |  |  |  |  |
|  |  |  |  |  |  |
|  | orderid | int(10, 0) |  |  |  |
|  |  |  |  |  |  |
|  | quantity | int(10, 0) |  | Number of Items from the product for the prduct ID |  |
|  |  |  |  |  |  |
|  | unitPrice | double(22) |  | Unit Price of the Product |  |
|  |  |  |  |  |  |
|  | productId | int(10, 0) |  | Product Id |  |
|  |  |  |  |  |  |



1.1.9. Table: product\_shop (Products in Shop)

Shop has their own prducts, These products are unique for each shop.

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data type | N | Description / Attributes |
|  |  |  |  |  |
|  | product\_id | int(10, 0) |  | product Id drom the product table |
|  |  |  |  |  |
|  | shop\_id | int(10, 0) |  | shop id from the shop table |
|  |  |  |  |  |
|  | available\_qty | int(10, 0) |  | available qty of the product |
|  |  |  |  |  |
| 1.1.10. Table: settings (Settings) | | |  |  |
| Columns | |  |  |  |
|  | Name | Data type | N | Description / Attributes |
|  |  |  |  |  |
|  | settingsid | int(10, 0) |  | Priimary key of the settings table |
|  |  |  |  |  |
|  | serviceCharg | double(22) |  |  |
|  |  |  |  |  |
|  | vat | double(22) |  |  |
|  |  |  |  |  |



1.1.11. Table: shop (Shop)

This table cotains data about the shop.

Columns

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Name | | Data type | N | Description / Attributes |  |
|  |  | |  |  |  |  |
|  | shopNo | | int(10, 0) |  | Primary key of the shop |  |
|  |  | Identity / Auto increment column |  |
|  |  | |  |  |  |
|  |  | |  |  |  |  |
|  | address | | varchar(255) |  | Prymary address of the shop |  |
|  |  | |  |  |  |  |
|  | city |  | varchar(255) |  | City where the shop located |
|  |  | |  |  |  |
|  | contactNo | | int(10, 0) |  | Contact number of the shop |
|  |  | |  |  |  |
|  | district | | varchar(255) |  | district where the shop is located |
|  |  | |  |  |  |
|  | email | | varchar(255) |  | Email of the shop |
|  |  | |  |  |  |
|  | shopName | | varchar(255) |  | Name of the shop |
|  |  | |  |  |  |
|  | province | | varchar(255) |  | Province where the shop is located |
|  |  | |  |  |  |
|  | category | | varchar(255) |  | category of the shop |
|  |  | |  |  |  |
|  | shoplogopath | | varchar(10000) |  | logo image path of the shop |
|  |  | |  |  |  |
|  | shopcoverpath | | varchar(10000) |  | shop cover image path |
|  |  | |  |  |  |
|  | opentime | | time |  | Opening time of the shop |
|  |  | |  |  |  |
|  | closetime | | time |  | Closing time of the shop |
|  |  | |  |  |  |
|  | opendayfrom | | varchar(100) |  | Day of the Week Shop Open |
|  |  | |  |  |  |
|  | opendayto | | varchar(100) |  | Day of the Week shop closing |
|  |  | |  |  |  |
|  | description | | varchar(10000) |  | Description about the shop |
|  |  |  |  |  |  |
| 1.1.12. | | Table: type |  |  |  |
| Columns | | |  |  |  |
|  |  | Name | Data type | N | Description / Attributes |
|  |  |  |  |  |  |
|  | typeId | | int(10, 0) |  | Identity / Auto increment column |
|  |  | |  |  |  |
|  | typeName | | varchar(255) |  |  |
|  |  |  |  |  |  |
| 1.1.13. | | Table: users (User) |  |  |  |



This table contains the data about the system users.

Including usernames and passwords.

Passwords are encrypted with SHA256

Columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Data type | N | Description / Attributes |
|  |  |  |  |  |
|  | email | varchar(255) |  | email of the user |
|  |  |  |  |  |
|  | deliverTime | datetime |  | delivery time of the user |
|  |  |  |  |  |
|  | firstName | varchar(255) |  | first name of the user |
|  |  |  |  |  |
|  | lastName | varchar(255) |  | last name of the user |
|  |  |  |  |  |
|  | password | varchar(255) |  | password of the user |
|  |  |  |  |  |
|  | securityCode | varchar(255) |  | security code for the user |
|  |  |  |  |  |
|  | userType | varchar(255) |  | type of the user - admin , shop owner or the user |
|  |  |  |  |  |

