**TEAM BROSCODE**

***Data Dictionary***

Table Name: admin

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Data Format** | **Field Size** | **Description** | **Example** |
| admin\_id | int | PRIMARY KEY | 11 | Admin id, auto generated | 0001 |
| FirstName | varchar | NOT NULL | 50 | First Name of the Administrator | Dave |
| MiddleName | varchar | NOT NULL | 50 | Middle Name of the Administrator | Pinca |
| LastName | varchar | NOT NULL | 50 | Last Name of the Administrator | Sevilla |
| SuffixName | varchar | NOT NULL | 50 | Suffix Name of the Administrator | Jr. |
| Username | varchar | NOT NULL | 50 | User Identification | Dave123 |
| Password | varchar | NOT NULL | 50 | To verify the user identity of  administrator | Dave.123 |
| Gender | varchar | NOT NULL | 50 | Gender of the administrator | Male |
| Age | varchar | NOT NULL | 50 | Age of the administrator | 22 |
| Contact | varchar | NOT NULL | 50 | Contact No. of the administrator | 09557350551 |
| E-mailAdd | varchar | NOT NULL | 50 | Email address of the administrator | davebryan.sevilla@yahoo.com |
| DOBmonth | varchar | NOT NULL | 50 | Administrator’s month of birth | August |
| DOBdate | varchar | NOT NULL | 50 | Administrator’s day of birth | 04 |
| DOByear | varchar | NOT NULL | 50 | Administrator’s year of birth | 1998 |
| Address | varchar | NOT NULL | 50 | Address of the administrator | Brgy.4 Nasugbu,Batangas |
| CivilStatus | varchar | NOT NULL | 50 | Civil status of administator | Single |

Table Name: merchant

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Data Format** | **Field Size** | **Description** | **Example** |
| merchant\_id | int | PRIMARY KEY | 11 | Merchant id, auto generated | 0001 |
| FirstName | varchar | NOT NULL | 50 | First Name of the merchant | Dave |
| MiddleName | varchar | NOT NULL | 50 | Middle Name of the merchant | Pinca |
| LastName | varchar | NOT NULL | 50 | Last Name of the merchant | Sevilla |
| SuffixName | varchar | NOT NULL | 50 | Suffix Name of the merchant | Jr. |
| Username | varchar | NOT NULL | 50 | User Identification | Dave123 |
| Password | varchar | NOT NULL | 50 | To verify the user identity of  merchant | Dave.123 |
| Gender | varchar | NOT NULL | 50 | Gender of the merchant | Male |
| Age | varchar | NOT NULL | 50 | Age of the merchant | 22 |
| Contact | varchar | NOT NULL | 50 | Contact No. of the merchant | 09557350551 |
| E-mailAdd | varchar | NOT NULL | 50 | Email address of the merchant | davebryan.sevilla@yahoo.com |
| DOBmonth | varchar | NOT NULL | 50 | Merchant’s month of birth | August |
| DOBdate | varchar | NOT NULL | 50 | Merchant’s day of birth | 04 |
| DOByear | varchar | NOT NULL | 50 | Merchant’s year of birth | 1998 |
| Address | varchar | NOT NULL | 50 | Address of the merchant | Brgy.4 Nasugbu,Batangas |
| CivilStatus | varchar | NOT NULL | 50 | Civil status of merchant | Single |

Table Name: customer

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Data Format** | **Field Size** | **Description** | **Example** |
| customer\_id | int | PRIMARY KEY | 11 | Customer id, auto generated | 0001 |
| FirstName | varchar | NOT NULL | 50 | First Name of the customer | Dave |
| MiddleName | varchar | NOT NULL | 50 | Middle Name of the customer | Pinca |
| LastName | varchar | NOT NULL | 50 | Last Name of the customer | Sevilla |
| SuffixName | varchar | NOT NULL | 50 | Suffix Name of the customer | Jr. |
| Username | varchar | NOT NULL | 50 | User Identification | Dave123 |
| Password | varchar | NOT NULL | 50 | To verify the user identity of  customer | Dave.123 |
| Gender | varchar | NOT NULL | 50 | Gender of the customer | Male |
| Age | varchar | NOT NULL | 50 | Age of the customer | 22 |
| Contact | varchar | NOT NULL | 50 | Contact No. of the customer | 09557350551 |
| E-mailAdd | varchar | NOT NULL | 50 | Email address of the customer | davebryan.sevilla@yahoo.com |
| DOBmonth | varchar | NOT NULL | 50 | Customer’s month of birth | August |
| DOBdate | varchar | NOT NULL | 50 | Customer’s day of birth | 04 |
| DOByear | varchar | NOT NULL | 50 | Customer’s year of birth | 1998 |
| Address | varchar | NOT NULL | 50 | Address of the customer | Brgy.4 Nasugbu,Batangas |
| CivilStatus | varchar | NOT NULL | 50 | Civil status of customer | Single |

Table Name: orders

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Data Format** | **Field Size** | **Description** | **Example** |
| order\_id | int | PRIMARY KEY | 11 | Order id, auto generated | 0001 |
| customer\_id | int | FOREIGN KEY | 11 | Identification of the of the customer | 0002 |
| waterstation\_id | int | FOREIGN KEY | 11 | Identification of the of the waterstation | 0003 |
| OrderDate | date | NOT NULL |  | Order Date of the product | 07/23/2021 |
| OrderType | varchar | NOT NULL | 50 | Order Type of the product | Purified |
| Quantity | int | NOT NULL | 50 | Quantity of the product | 3 |

Table Name: ratings\_and\_reviews

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Data Format** | **Field Size** | **Description** | **Example** |
| review\_id | int | PRIMARY KEY | 11 | Review id, auto generated | 0001 |
| customer\_id | int | FOREIGN KEY | 11 | Identification of the of the customer | 0002 |
| ratting\_num | int | NOT NULL | 11 | Rattings of the of the customer | 5 |
| RateDate | date | NOT NULL |  | Rate Date of the customer | 07/23/2021 |

Table Name: Reports

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Data Format** | **Field Size** | **Description** | **Example** |
| review\_id | int | PRIMARY KEY | 11 | Review id, auto generated | 0001 |
| merchant\_id | int | FOREIGN KEY | 11 | Identification of the of the merchant | 0002 |
| admin\_id | int | FOREIGN KEY | 11 | Identification of the of the admin | 0003 |
| ReportDate | date | NOT NULL |  | The report date | 07/23/2021 |

Table Name: Announcements\_and\_updates

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Data Format** | **Field Size** | **Description** | **Example** |
| announce\_id | int | PRIMARY KEY | 11 | Announce id, auto generated | 0001 |
| merchant\_id | int | FOREIGN KEY | 11 | Identification of the of the merchant | 0002 |
| admin\_id | int | FOREIGN KEY | 11 | Identification of the of the admin | 0003 |
| PostDate | date | NOT NULL |  | Announcement’s post date | 07/23/2021 |

Table Name: Inspection\_and\_monitoring

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Data Format** | **Field Size** | **Description** | **Example** |
| inspection\_id | int | PRIMARY KEY | 11 | Announce id, auto generated | 0001 |
| merchant\_id | int | FOREIGN KEY | 11 | Identification of the of the merchant | 0002 |
| admin\_id | int | FOREIGN KEY | 11 | Identification of the of the admin | 0003 |
| inspectionDate | date | NOT NULL |  | Date of the inspection | 07/23/2021 |

Table Name: product\_inventory

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Data Format** | **Field Size** | **Description** | **Example** |
| product\_id | int | PRIMARY KEY | 11 | Announce id, auto generated | 0001 |
| merchant\_id | int | FOREIGN KEY | 11 | Identification of the of the merchant | 0002 |
| productName | varchar | NOT NULL | 50 | Name of the product | alkaline |
| quantity | int | NOT NULL | 11 | Quantity of the product | 3 |
| price | varchar | NOT NULL | 50 | Price of the product | 25 |

Table Name: water\_refilling\_station

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Data Format** | **Field Size** | **Description** | **Example** |
| waterstation\_id | int | PRIMARY KEY | 11 | Waterstaion id, auto generated | 0001 |
| merchant\_id | int | FOREIGN KEY | 11 | Identification of the of the merchant | 0002 |
| StationName | varchar | NOT NULL | 50 | Name of the waterstation | Aquabest |
| Address | varchar | NOT NULL | 50 | Address of the waterstation | Brgy.4 Nasugbu,Batangas |
| Contact | varchar | NOT NULL | 50 | Waterstation’s contact no. | 09557350551 |
| E-mailAdd | varchar | NOT NULL | 50 | Waterstation’s e-mail address | aquabest@yahoo.com |