**Digital Public Distribution System[SCHEMA]:**

**UserDetails:**

|  |  |
| --- | --- |
| **Column Name** | **Type** |
| AadharID | **Number(10-15),PK** |
| Name | **Varchar(50)** |
| email | **Varchar(30)** |
| DOB | **DATE** |
| Income | **Number(10)** |
| Gender | **Char(1)(‘M’ or ‘F’ or ‘O’)** |
| Door No | **Varchar** |
| Street Name | **Varchar** |
| Taluk | **varchar** |
| City | **varchar** |
| District | **varchar** |
| Nationality | **Varchar** |
| Profession | **Varchar** |
| ContactNo | **Number(10)** |
| LPGCustomerID | **Varchar, references LPGDetails** |
| Card No | **Varchar,references CardDetails** |

**CardDetails**

|  |  |
| --- | --- |
| **Column Name** | **Type** |
| CardNo | **Varchar,PK** |
| CardType | **varchar** |
| ShopNo | **varchar, references ShopDetails** |

**ShopDetails**

|  |  |
| --- | --- |
| **Column Name** | **Type** |
| ShopNo | **Varchar,PK** |
| StreetName | **Varchar** |
| City | **Varchar** |
| Taluk | **Varchar** |
| District | **Varchar** |
| WardName | **Varchar** |

**LPGDetails**

|  |  |
| --- | --- |
| **Column Name** | **Type** |
| LPGCustomerID | **Varchar,PK** |
| OilCompany | **Varchar** |
| Agency | **Varchar** |
| Number\_of\_Cylinders | **Number(1)(1 or 2)** |

**Product Details**

|  |  |
| --- | --- |
| **Column Name** | **Type** |
| CommodityID | **Varchar,PK** |
| CommodityName | **Varchar** |
| Price | **Numeric** |

**Bill\_Transaction**

|  |  |
| --- | --- |
| **Column Name** | **Type** |
| TransactionID | **Varchar,PK** |
| CardNo | **Varchar,FK references CardDetails** |
| ShopNo | **Varchar,FK references ShopDetails** |
| Date\_of\_Transaction | **Date** |
| IssueStatus | **Varchar** |

**Transaction\_Details**

|  |  |
| --- | --- |
| **Column Name** | **Type** |
| TransactionID | **Varchar,FK references Bill\_Transaction** |
| CommodityID | **Varchar FK references ProductDetails** |
| Quantity | **Numeric** |