**1.Tbl\_users**

Primary key: **email\_id**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1. | email\_id | varchar(50) | primary key | user email id |
| 2. | email\_ver | varchar(50) | not null | mail verification |
| 3. | password | varchar(50) | not null | password |
| 4. | b\_id | int(8) | foreign key | branch’s identification |
| 5. | date\_created | int(8) | not null | account created date |

**2.Tbl\_customer**

Primary key: **parcel\_id**

Foreign key: **email\_id references to Tbl\_users**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1. | parcel\_id | int(8) | primary key | customer’s id, a unique identifier. |
| 2. | cus\_adhaar | varchar(50) | not null | aadhaar number, a unique identification |
| 3. | cus\_address | varchar(50) | not null | customer’s address. |
| 4. | cus\_phone | int(11) | not null | phone number of the customer. |
| 5. | email\_id | varchar(50) | foreign key | user email id. |
| 6. | cus\_gender | varchar(50) | not null | gender of the customer. |
| 7. | cus\_state | varchar(50) | not null | state of residence of the customer. |

**3.Tbl\_branch**

Primary key**: b\_id**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1. | b\_id | varchar(50) | primary key | unique identifier for the branch. |
| 2. | from\_branch\_id | int(8) | no null | identifier for the sending branch. |
| 3. | to\_branch\_id | int(8) | not null | identifier for the receiving branch. |

**4.Tbl\_parcel**

Primary key**: reference\_number**

Foreign key: **email\_id references to Tbl\_users**

Foreign key: **from\_branch\_id references to Tbl\_branch**

Foreign key: **to\_branch\_id references to Tbl\_branch**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1. | reference\_number | varchar(50) | primary key | unique identifier for the transaction. |
| 2. | email\_id | varchar(50) | foreign key | user email id. |
|  | recipient\_address | varchar(50) | not null | address of the recipient. |
|  | recipient\_contact | varchar(50) | not null | contact number of the recipient. |
|  | weight | decimal(10,2) | not null | weight of the package. |
|  | height | decimal(10,2) | not null | height of the package. |
|  | width | decimal(10,2) | not null | width of the package. |
|  | length | decimal(10,2) | not null | length of the package. |
|  | price | decimal(10,2) | not null | price of shipping the item. |

**5.Tbl\_package**

Primary key**: p\_id**

Foreign key: **packagestatus\_id references to Tbl\_shippment**

Foreign key: **reference\_number references to Tbl\_parcel**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1. | p\_id | varchar(50) | primary key | unique identifier for the package. |
| 2. | packagestatus\_id | varchar(50) | foreign key | Current status of the parcel (e.g., In Transit, Delivered). |
| 3. | date\_created | datetime | not null | the date and time the package was registered in the system. |
| 4. | reference\_number | varchar(50) | foreign key | unique identifier for the transaction. |

**6.Tbl\_associatives**

Primary key**: assoc\_id**

Foreign key: **email\_id references to Tbl\_users**

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| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| **1.** | assoc\_id | int(8) | primary key | Unique code assigned to delivery associatives |
| 2. | assoc\_adhaar | varchar(50) | not null | aadhaar number (unique id) of the association member |
| 3. | assoc\_address | varchar(50) | not null | residential address of the association member. |
| 4. | email\_id | varchar(50) | foreign key | user email id. |
| 5. | assoc\_phoneno | varchar(50) | not null | phone number of the association member. |
| 6. | assoc\_state | varchar(50) | not null | state or region where the association member resides. |

**7.Tbl\_tracking**

Primary key**: tracking\_id**

Foreign key: **reference\_number references to Tbl\_parcel**

Foreign key: **packagestatus\_id references to Tbl\_shippment**

Foreign key: **location\_id references to Tbl\_location**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1. | tracking\_id | varchar(50) | primary key | unique identifier for each tracking entry. |
| 2. | reference\_number | varchar(50) | foreign key | Link to the **Tbl\_parcel**'s unique transaction ID. |
| 3. | packagestatus\_id | varchar(50) | foreign key | Current status of the parcel (e.g., In Transit, Delivered). |
| 4. | location\_id | Int(8) | foreign key | Unique code assigned to the location |
| 5. | date\_time | datetime | not null | Date and time of the status update. |
| 6. | remarks | varchar(255) | not null | Optional remarks or additional information. |

**8.Tbl\_location**

8

Primary key**: location\_id**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1. | location\_id | int(8) | primary key | Unique code assigned to the location |
| 2. | address | varchar(255) | not null | Physical address of the location. |
| 3. | city | varchar(50) | not null | City of the location. |
| 4. | state | varchar(10) | not null | State of the location. |

**9.Tbl\_shippment**

Primary key**: packagestatus\_id**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1. | packagestatus\_id | varchar(50) | primary key | Current status of the parcel (e.g., In Transit, Delivered). |
| 2. | ship\_type | Varchar(50) | No null | Shipment type (Local delivery or pickup, air freight etc. |