**4.8. Data Dictionary Using Normalization:**

**Database Name: mydb;**

CREATE DATABASE mydb;

USE DATABASE mydb;

1. **Table Name: Admin**

CREATE TABLE `admin` ( `admin\_id` int(11) PRIMARY KEY AUTO\_INCREMENT ,

`admin\_uname` varchar(20) NOT NULL, `admin\_email` varchar(50) NOT NULL,

`admin\_pwd` varchar(100) NOT NULL);

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR. No** | **Field** | **Type** | **Size** | **Constraint** |
| 1. | admin\_id | Int | 11 | PRIMARY |
| 2. | admin\_uname | varchar | 20 | UNIQUE |
| 3. | admin\_email | varchar | 50 | UNIQUE |
| 4. | admin\_pwd | varchar | 100 | NOT NULL |

**2.Table Name: Airline**

CREATE TABLE airline ( `airline\_id` int(11) PRIMARY KEY AUTO\_INCREMENT , `name` varchar(20) NOT NULL, `seats` int(11) NOT NULL );

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR. No** | **Field** | **Type** | **Size** | **Constraint** |
| 1. | airline\_id | int | 11 | PRIMARY |
| 2. | name | Varchar | 20 | UNIQUE |
| 3. | seats | int | 11 | NOT NULL |

**3. Table Name: cities**

CREATE TABLE cities ( `city` varchar(20) NOT NULL );

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR. No** | **Field** | **Type** | **Size** | **Constraint** |
| 1. | city | varchar | 20 | UNIQUE |

**4. Table Name: feedback**

CREATE TABLE feedback ( `feed\_id` int(11) PRIMARY KEY AUTO\_INCREMENT, `email` varchar(50) NOT NULL, `q1` varchar(250) NOT NULL, `q2` varchar(20) NOT NULL, `q3` varchar(250) NOT NULL, `rate` int(11) NOT NULL );

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR. No** | **Field** | **Type** | **Size** | **Constraint** |
| 1. | feed\_id | int | 11 | PRIMARY |
| 2. | email | varchar | 50 | UNIQUE |
| 3. | q1 | varchar | 250 | NOT NULL |
| 4. | q2 | varchar | 20 | NOT NULL |
| 5. | q3 | varchar | 250 | NOT NULL |
| 6. | rate | int | 11 | NOT NULL |

**5. Table Name: users**

CREATE TABLE users ( `user\_id` int(11) PRIMARY KEY AUTO\_INCREMENT, `username` varchar(20) NOT NULL, `email` varchar(50) NOT NULL, `password` varchar(100) NOT NULL );

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR. No** | **Field** | **Type** | **Size** | **Constraint** |
| 1. | user\_id | int | 11 | PRIMARY |
| 2. | user\_name | varchar | 20 | UNIQUE |
| 3. | email | varchar | 50 | UNIQUE |
| 4. | password | varchar | 100 | NOT NULL |

**6. Table Name: Flight**

CREATE TABLE flight ( `flight\_id` int(11) PRIMARY KEY AUTO\_INCREMENT, `admin\_id` int(11) NOT NULL, `arrivale` datetime NOT NULL, `departure` datetime NOT NULL, `Destination` varchar(20) NOT NULL,`source` varchar(20) NOT NULL, `airline` varchar(20) NOT NULL,`Seats` varchar(110) NOT NULL,`Price` int(11) NOT NULL );

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR. No** | **Field** | **Type** | **Size** | **Key** |
| 1. | flight\_id | int | 11 | PRIMARY |
| 2. | admin\_id | int | 11 | FOREIGN |
| 3. | arrival | datetime |  | NOT NULL |
| 4. | departure | datetime |  | NOT NULL |
| 5. | destination | varchar | 20 | NOT NULL |
| 6. | source | varchar | 20 | NOT NULL |
| 7. | airline | varchar | 20 | NOT NULL |
| 8. | seats | varchar | 110 | NOT NULL |
| 9. | price | int | 11 | NOT NULL |