BUS RESERVATION SYSTEM

**(13 Tables )**

1. Login table:

|  |  |  |
| --- | --- | --- |
| Cust Id | Username | Password |
| 1 | A123 | Abc123 |
| 2 | BC89 | Bc9 |

1. Customer Table:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Cust Id | First Name | Last Name | Age | Gender | e-mail | Phone |
| 1 | Anu | Suresh | 22 | F | anu@gmail.com | 9884104966 |
| 2 | Chan | Sri | 25 | F | chansri@gmail.com | 8874123437 |

1. Operator Table:

|  |  |  |
| --- | --- | --- |
| OperId | Name | No\_of\_buses |
| 101 | SRM | 100 |
| 102 | Benz | 70 |
| 103 | Parveen | 300 |

1. Route Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Route\_ID | Starting\_Point | Destination | Hours\_Taken | No\_of\_buses |
| 200 | Chennai | Bangalore | 6h 32 mins | 64 |
| 203 | Chennai | Tirunelveli | 10h 00mins | 79 |
| 202 | Trichy | Vellore | 4h 23 mins | 8 |

1. Route\_Stations Table

|  |  |  |
| --- | --- | --- |
| Route\_ID | Stations\_ID | Stations\_Order |
| 200 | 300 | 2 |
| 200 | 302 | 4 |
| 200 | 301 | 3 |
| 200 | 100 | 1 |
| 200 | 600 | 5 |
| 203 | 100 | 1 |
| 203 | 400 | 2 |
| 203 | 401 | 3 |
| 203 | 402 | 4 |
| 202 | 400 | 1 |
| 202 | 501 | 2 |
| 202 | 300 | 3 |

1. Stations table

|  |  |
| --- | --- |
| Stations\_ID | Stations\_Name |
| 100 | Chennai CMBT |
| 300 | Vellore |
| 301 | Krishnagiri |
| 302 | Hosur |
| 400 | Trichy |
| 401 | Madurai |
| 402 | Tirunelveli |
| 501 | Tiruvannamalai |
| 600 | Bangalore |

1. Bus\_ACType Table

|  |  |
| --- | --- |
| ACT\_ID | AC\_Type |
| A1 | AC |
| A0 | Non AC |

1. Bus\_SeaterType Table

|  |  |
| --- | --- |
| ST\_ID | Seat\_Type |
| S1 | Seater |
| S2 | Semi-Sleeper |
| S3 | Full Sleeper |

1. Bus\_Details Table:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Bus\_Id | Oper\_ID | Route\_ID | ACT\_ID | ST\_ID | No\_of\_seats |
| B01 | 101 | 203 | A1 | S3 | 26 |
| B02 | 101 | 200 | A1 | S2 | 52 |
| B03 | 101 | 202 | A1 | S1 | 50 |
| B11 | 102 | 200 | A1 | S3 | 26 |
| B12 | 102 | 203 | A1 | S3 | 26 |
| B13 | 102 | 200 | A1 | S2 | 58 |
| B14 | 102 | 203 | A1 | S2 | 58 |
| B21 | 103 | 200 | A1 | S2 | 58 |
| B22 | 103 | 203 | A1 | S2 | 58 |
| B23 | 103 | 202 | A0 | S1 | 60 |

1. Passenger\_Details Table:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PID | Cust\_ID | PName | PAge | Gender | Res\_ID |
| 1 | 1 | AAA | 40 | F | R1 |
| 2 | 2 | BBB | 20 | M | R2 |

1. Reservation Table

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Res\_ID | Bus\_ID | Route\_ID | Date\_of\_reservation | Date\_of\_Departure | Departure\_Time | Seat \_No | Transaction\_ID |
| R1 | B01 | 203 | 01-Sept-2018 | 04-Oct-2018 | 8:00 | 23 | 1234 |
| R2 | B13 | 200 | 03-Sept-2018 | 08-Oct-2018 | 13:00 | 40 | 1002 |

1. Payment\_Details Table:

|  |  |  |  |
| --- | --- | --- | --- |
| Transaction\_ID | No\_of\_Seats | Mode\_ID | Fare |
| 1234 | 1 | P1 | 1049 |
| 1002 | 1 | P2 | 700 |

1. PaymentMode Table:

|  |  |
| --- | --- |
| Mode\_ID | Mode\_of\_Payment |
| P1 | Netbanking |
| P2 | E-Wallet |
| P3 | Credit Card |
| P4 | Debit Card |