**BUS BOOKING SYSTEM – DATABASE DESIGN**

**TABLE 1 – LOGIN**

|  |  |  |
| --- | --- | --- |
| **C\_ID** | **USERNAME** | **PASSWORD** |
| 189 | Sheeba Elsi | edith |
| 190 | Selbah Elsi | joanna |
| 220 | Caroline | stefan |

**TABLE 2 – CUSTOMER DETAILS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **C\_ID** | **NAME** | **DOB** | **AGE** | **MAIL\_ID** |
| 189 | Sheeba Else | 19/01/1999 | 19 | [sheeba@gmail.com](mailto:sheeba@gmail.com) |
| 190 | Selbah | 07/07/1890 | 29 | selbah@gmail.com |
| 220 | Caroline | 01/01/1978 | 40 | caroline@yahoo.com |

**TABLE 3 – BUS DETAILS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| BUS\_ID | TYPE | CAPACITY | ROUTE\_ID | TRAVEL\_ID |
| 123 | Volvo A/C Semi Sleeper | 50 | 99 | 77 |
| 156 | Non-A/C Seater | 48 | 89 | 79 |
| 170 | Mercedes Benz | 52 | 87 | 70 |

**TABLE 4 - TRAVELS**

|  |  |  |  |
| --- | --- | --- | --- |
| TRAVEL\_ID | PHONE | MAIL\_ID | LEAD\_NAME |
| 77 | 9785534578 | [mem@yahoo.com](mailto:mem@yahoo.com) | Raman |
| 70 | 9576456754 | [parveen@gmail.com](mailto:parveen@gmail.com) | Bonnie |
| 79 | 7584958786 | srs@gmail.com | Alaric |

**TABLE 5 – ROUTE**

|  |  |  |  |
| --- | --- | --- | --- |
| ROUTE\_ID | FROM | TO | DISTANCE |
| 99 | Chennai | Kanyakumari | 800 km |
| 89 | Madurai | Salem | 200 km |
| 87 | Trichy | Karur | 100 km |

**TABLE 6 - BOOKING**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| C\_ID | BUS\_ID | BOOKING\_ID | PERSON\_NAME | GENDER | SEAT\_NUM | DATE |
| 189 | 170 | 010 | Sheeba Elsi | Female | 45 | 12-01-2018 |
| 189 | 170 | 010 | Damon | Male | 44 | 12-01-2018 |
| 189 | 170 | 010 | Salvatore | Male | 43 | 12-01-2018 |
| 190 | 156 | 121 | Selbah Elsi | Female | 20 | 19-01-2018 |
| 220 | 170 | 011 | Caroline | Female | 12 | 12-01-2018 |

**TABLE 7 - CANCELLATION**

|  |  |  |
| --- | --- | --- |
| BOOKING\_ID | DATE | REASON |
| 220 | 12-01-2018 | Change of plans |
|  |  |  |
|  |  |  |

**TABLE 8 - AVAILABILITY**

|  |  |  |  |
| --- | --- | --- | --- |
| BUS\_ID | SEAT\_NUM | DATE | AVAILABILITY |
| 156 | 20 | 15-06-2018 | Available |
|  |  |  |  |
|  |  |  |  |

**TABLE 9 - WAYPOINTS**

|  |  |
| --- | --- |
| STOP\_ID | STOP\_NAME |
| 01 | GUINDY |
| 02 | POONAMALLE |
| 03 | TAMBARAM |
| 04 | KANCHIPURAM |
| 05 | PORUR |

**TABLE 10 – WAYPOINT RELATIONSHIP**

|  |  |  |
| --- | --- | --- |
| ROUTE\_ID | STOP\_ID | DATE |
| 99 | 01 | 15-09-2017 |
| 99 | 05 | 15-09-2017 |
| 99 | 03 | 15-09-2017 |
| 87 | 02 | 20-09-2018 |

**TABLE 11 - PAYMENT**

|  |  |  |  |
| --- | --- | --- | --- |
| C\_ID | PAYMENT\_ID | AMOUNT | DATE |
| 189 | 777 | 1400 | 07-07-2017 |
| 190 | 779 | 1500 | 12-08-2018 |
| 220 | 800 | 1200 | 12-12-2017 |