1. Table Name: Passenger\_details

Description: To store the Passenger Personal Information

Primary Key: Passenger\_ID (P\_ID)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr. No. | Field Name | Data Type | Constraint | Description |
| 1. | P\_ID | Varchar(10) | Primary Key | To store Unique ID of every Passenger |
| 2. | Name | Varchar(40) | Not null | To store Name of the Passenger |
| 3. | Address | Varchar(100) | Not null | To store Address of the Passenger |
| 4. | City | Varchar(20) | Not null | To store City |
| 5. | State | Varchar(20) | Not null | To store State |
| 6. | Pincode | Numeric(6,0) | Not null | To store Pincode |
| 7. | Nationality | Varchar(20) | Not null | To store country Passenger belongs to |
| 8. | Contact\_No | Numeric(10,0) | Not null, must be 10 | To store phone No. |
| 9. | Email\_Id | Varchar(30) | Not null, @ must be present | To store Email |
| 10. | Date\_Of\_Birth | Date | Not null | To store Birth date of Passenger |
| 11. | Age | Numeric(3,0) | Not null | To store Age |
| 12. | Gender | Char | Not null, M or F | To store Gender |

1. Table Name: Train\_details

Description: To store Schedule and Travel details of Trains

Primary Key: T\_CODE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr No. | Field Name | Datatype | Constraint | Description |
| 1. | T\_CODE | Varchar(6) | Primary Key | To store Unique ID of each Train |
| 2. | Name | Varchar(25) | Not null | To store Name of the Train |
| 3. | Origin | Varchar(20) | Not null | To store Origin position of Train |
| 4. | Destination | Varchar(20) | Not null | To store Destination of the Train |
| 5. | Departure\_Time | Date and Time | Not null | To store departure Time |
| 6. | Arrival\_Time | Date and Time | Not null | To store Arrival Time |
| 7. | Stops | Numeric(15) | Not null | To store how many times train is scheduled to stop |
| 8. | Class | Varchar(10) | Not null | To store type of Luxury accommodation |
| 9. | Services | Varchar(50) | Not null | To store services provided by the Train |
| 10. | Review | Varchar(30) | Not null | To store expert review of Railway Minister of each Train |

1. Table Name: Airlines\_master

Description: To store Info of different private Airlines

Primary Key: Name

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr No. | Field Name | Datatype | Constraint | Description |
| 1. | Name | Varchar(15) | Primary Key | To store Name of the Airline |
| 2. | Contact\_No | Numeric(14,0) | Not null | To store contact no. of the Airline |
| 3. | Address | Varchar(50) | Not null | To store Address |
| 4. | Services | Varchar(50) | Not null | To store services provided by each Airlines |
| 5. | Class | Varchar(10) | Not null | To store classes of Airlines |
| 6. | Review | Varchar(30) | Not null | To store expert review |

1. Table Name: Flight\_details

Description: To store Schedule and Travel details of Airplanes

Primary Key: F\_CODE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr No. | Field Name | Datatype | Constraint | Description |
| 1. | F\_CODE | Varchar(10) | Primary Key | To store Unique ID of each Plane |
| 2. | Origin | Varchar(20) | Not null | To store Origin position of Train |
| 3. | Destination | Varchar(20) | Not null | To store Destination of the Train |
| 4. | Departure\_Time | Date and Time | Not null | To store departure Time |
| 5. | Arrival\_Time | Date and Time | Not null | To store Arrival Time |

1. Table Name: Train\_Reservation

Description: To store Info on Reservation Details Combining Passenger and Train

Primary Key: R\_CODE

Foreign Key: P\_ID, T\_CODE, Age

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr No. | Field Name | Datatype | Constraint | Description |
| 1. | R\_CODE | Varchar(10) | Primary Key | To store Unique ID of each Reservation |
| 2. | T\_CODE | Varchar(6) | Not null, reference | To store ID of Train |
| 3. | P\_ID | Varchar(10) | Not null, reference | To store ID of Passenger |
| 4. | Date | Date | Not null | To store date of reservation |
| 5. | Seats | Numeric(3) | Not null, less than total seats for corresponding T\_CODE | To store seats reserved |
| 6. | Class | Varchar(10) | Not null | To store Class of Passenger |
| 7. | Age | Numeric(3) | Not null, reference | To store Age of Passenger |
| 8. | Price | Numeric(6,2) | Not null, custom | To store Price |

1. Table Name: Flight\_Reservation

Description: To store Info on Reservation Details Combining Passenger and Flights

Primary Key: R\_CODE

Foreign Key: P\_ID, F\_CODE, Age

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr No. | Field Name | Datatype | Constraint | Description |
| 1. | R\_CODE | Varchar(10) | Primary Key | To store Unique ID of each Reservation |
| 2. | F\_CODE | Varchar(6) | Not null, reference | To store ID of Flight |
| 3. | P\_ID | Varchar(10) | Not null, reference | To store ID of Passenger |
| 4. | Date | Date | Not null | To store date of reservation |
| 5. | Seats | Numeric(3) | Not null, less than total seats for corresponding F\_CODE | To store seats reserved |
| 6. | Class | Varchar(10) | Not null | To store Class of Passenger |
| 7. | Age | Numeric(3) | Not null, reference | To store Age of Passenger |
| 8. | Price | Numeric(6,2) | Not null, custom | To store Price |