Airport/Airline Management Syatem:

**Custumer:**

|  |
| --- |
| customerID |
| Country |
| firstName |
| lastName |
| contactNo (multivaluated) |
| age |
| Cnic U |
| gender |
| Email |
| houseNo |
| city |
| Fk\_AirlineID |

**Airline**:

|  |
| --- |
| AirLIneName |
| AirlineRating |
| AirlineID U |

**AirPort:**

|  |
| --- |
| AirportID U |
| airportName |
| location |
| noOfFlight |
| Fk\_countryID |
| timeZone |

**Country:**

|  |
| --- |
| DepartureCountry |
| ArrivalCountry |
| countryID U |

**City:**

|  |
| --- |
| cityID U |
| cityName |
| ShortName |
| FK\_countryID |

**Flights:**

|  |
| --- |
| flightID U |
| flightNo |
| availabalSeeats |
| typeOFSeat |
| Fk\_ aircraftID |
| Fk\_airportID |
| route |
| Fk\_airloneID |

**Aircraft:**

|  |
| --- |
| aircraftID U |
| model |
| capacity |
| company |
| manufactureDate |
| maintenanceStatus |

**Booking:**

|  |
| --- |
| bookingID |
| destination |
| fromWhichCity |
| history |
| twoWayOrOneWay |
| dateOfDeparture |
| days (null) |
| returnDate (null) |
| discount (null) |
| Fk\_ costumerID |
| Fk\_flightID |
| seatNo |
| |  | | --- | | timeOFight | |
| timeOFLanding |
| dateToGo |
| fare |

**Luggage:**

|  |
| --- |
| lugID |
| weight |
| quantity |
| **Fk\_** booking**ID** |

**Employee:**

|  |
| --- |
| employeeID |
| firstName |
| lastName (null) |
| contactNo (Multivalued) |
| cnic |
| category |
| age |
| gender |
| doj |
| dob |
| email |
| Salary |
| houseNo |
| city |
| country |
| promotion |
| **Fk\_ airportID** |

**Payment:**

|  |
| --- |
| paymentID |
| Status |
| Amount |
| **Fk\_bookingID** |

**Ticket:**

|  |
| --- |
| ticketID U |
| **Fk\_bookingID** |

**Pilot**

|  |
| --- |
| lisenceNum |
| certificateDate |
| FK\_employeeID |
| FK\_flightID |

**Erd:**

**Relational Schema:**