

User(userId:INT [PK], username:VARCHAR(250), password:VARCHAR(250), isActive:bit, phone:REAL, userType:VARCHAR(10))

FlightSchedule(flightNumber: INT[PK], airlineCode: VARCHAR(2) [FK to Airline.airlineCode], airportOriginCode: VARCHAR(3) [FK to Airport.airportCode], airportDestinationCode: VARCHAR(3) [FK to Airport.airportCode], scheduledDeparture: INT, scheduledArrival: INT)

Airline(airlineCode: VARCHAR(2) [PK], name:VARCHAR(100))

Airport(airportCode: VARCHAR(3) [PK], name:VARCHAR(100), city:VARCHAR(100), state:VARCHAR(100), latitude:REAL, longitude:REAL)

FlightActual(flightNumber:INT [PK], airlineCode: VARCHAR(2) [FK to Airline.airlineCode], arrivalDelayTime: INT, cancellation:bit)

CancelledFlights(flightNumber: INT[PK], airlineCode: VARCHAR(2) [FK to Airline.airlineCode], reason: VARCHAR(1))

DelayedFlights(flightNumber:INT [PK], airlineCode: VARCHAR(2) [FK to Airline.airlineCode], arrivalDelayTime: INT, airSystemDelay: INT, securityDelay: INT, airlineDelay: INT, lateAircraftDelay: INT, weatherDelay: INT )

Views(userId:INT [FK to User.userId], flightNumber: INT [FK to FlightSchedule.flightNumber])