Team-5

P2 - SkyReserve : Airline Management System

CoverageDetails

PK	CoverageDetailsID
FK	InsurancePolicyNumber
	TripCancellation
	EmergencyMedical
	BaggageLossDelay
	TravelDelay
	TripInterruption

TravelInsurance

PK	InsurancePolicyNumber
FK	ReservationID
	StartDate
	EndDate
	PhoneNumber

PaymentTransaction

PK	TransactionID
FK	ReservationID
	PaymentAmount
	PaymentMethod
	CardNumber
	PaymentStatus
	TransactionDateTime

Reservation

PK	ReservationID
FK	FlightNumber
FK	PassengerID
	SeatNumber
	TicketPrice
	ReservationStatus
	PaymentStatus
	BookingDate
	Fare (after discounts & tax)

Flight

PK	FlightNumber
FK	AirlineCode
FK	DestinationAirport
FK	DepartureAirport
	ArrivalTime
	FlightDuration
	AvailableSeats
	AircraftType
	DepartureTime

Airport

PK	AirportCode
	AirportName
	AirportLocation
	Timezone
	ContactInformation

Country

PK	CountryID
	CountryName

Airline

PK	AirlineCode
FK	ProgramID
	PhoneNumber
	Country
	AirlineName

AirlineCompany

PK,FK	AirlineCode
PK,FK	CountryID

BaggageTracking

PK,FK	BaggageID
PK,FK	PassengerID
	BaggageTrackingStatus
	LastTrackingDate

LoyaltyProgram

PK	ProgramID
	ProgramName

RedemptionOptions

PK	RedemptionID
FK	ProgramID
	RedemptionPoints
	RedemptionValidity

Passenger

PK	PassengerID
FK	ProgramID
	FirstName
	LastName
	Gender
	DateOfBirth

Baggage

PK	BaggageID
	BaggageWeight
	BaggageLength
	BaggageWidth
	BaggageHeight
	BaggageStatus

Feedback

PK	FeedbackID
FK	ReservationID
FK	PassengerID
	FeedbackDate

ProgramBenefits

PK	BenefitID
FK	ProgramID
	BenefitType
	BenefitEligibility
	BenefitValue

Student

PK	StudentID
FK	GroupBookingID
FK	PassengerID
	FirstName
	LastName
	DateofBirth
	Nationality
	SchoolName
	SchoolEmailID

StudentGroupBooking

PK	GroupBookingID
FK	FlightNumber

StudentBenefit

PK	StudentBenefitID
FK	GroupBookingID
	DiscountPercentage
	EnrollmentStatus
	SupportingDocumentation Provided
	AirportLoungeAccess
	FreeCancellation
	DiscountedAirMeals
	StudentFareLock
	FreeWiFiAccess
	ExpiryDate